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Consumer goods graph

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* Hong kong v singapore

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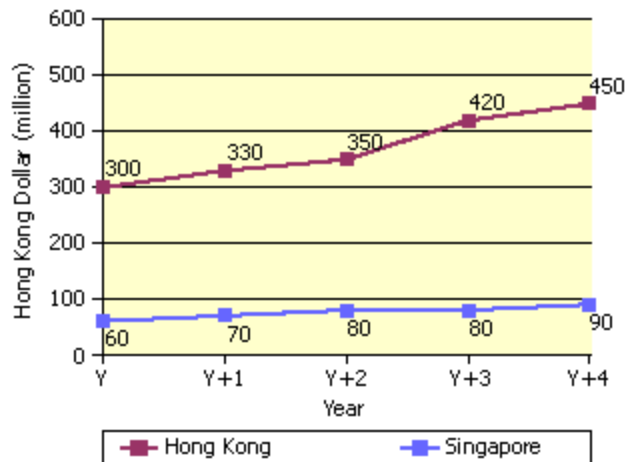


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Projected Consumer Goods Exports



Exchange Rates for Year Y
 \$4.50 Hong Kong Dollar (HKD) = \$1 Singapore Dollar (SGD)
 \$1.60 Singapore Dollar (SGD) = \$1 US Dollar (USD)

Numerical Reasoning test: Question 5 of 18

Assuming a constant exchange rate, what is the projected approximate value of combined consumer goods exports from both Hong Kong and Singapore in Y+2 (in \$m USD)?

- \$60m
- \$65m
- \$70m
- \$75m
- Cannot say



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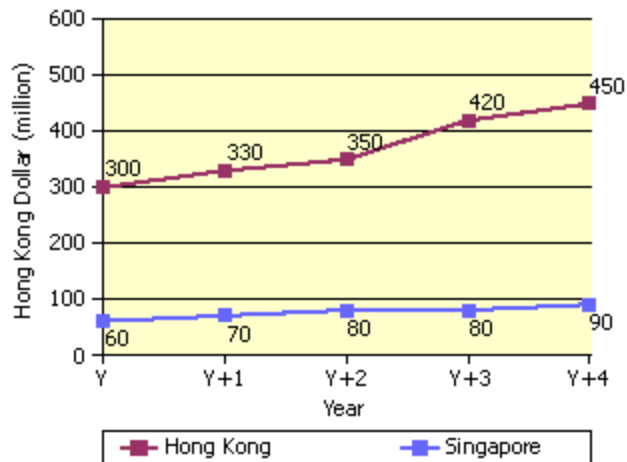


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Projected Consumer Goods Exports



Exchange Rates for Year Y
 \$4.50 Hong Kong Dollar (HKD) = \$1 Singapore Dollar (SGD)
 \$1.60 Singapore Dollar (SGD) = \$1 US Dollar (USD)

Numerical Reasoning test: Question 1 of 18

What is the projected percentage increase in the combined consumer goods exports for both Hong Kong and Singapore between Y and Y+4?

- 10%
- 20%
- 30%
- 40%
- 50%

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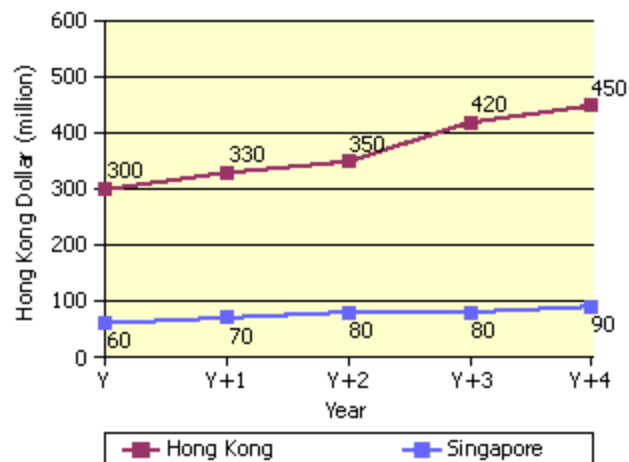


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[Instructions](#)

Projected Consumer Goods Exports



Exchange Rates for Year Y

\$4.50 Hong Kong Dollar (HKD) = \$1 Singapore Dollar (SGD)

\$1.60 Singapore Dollar (SGD) = \$1 US Dollar (USD)

Numerical Reasoning test: Question 3 of 18

Assuming a constant exchange rate, what is the projected value of consumer goods exports from Singapore in Y+4 (in \$m SGD)?

- \$5m
- \$10m
- \$15m
- \$20m
- Cannot say

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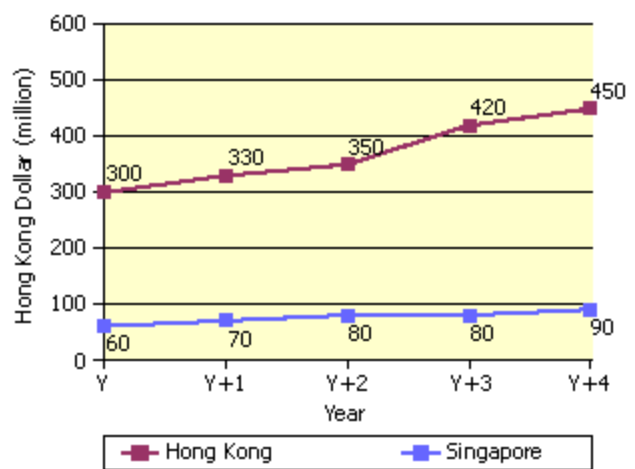


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Projected Consumer Goods Exports



Exchange Rates for Year Y
 \$4.50 Hong Kong Dollar (HKD) = \$1 Singapore Dollar (SGD)
 \$1.60 Singapore Dollar (SGD) = \$1 US Dollar (USD)

Numerical Reasoning test: Question 1 of 12

What is the projected ratio of Hong Kong to Singapore consumer goods exports in Y+4?

- 2:1
- 3:1
- 4:1
- 5:1
- Cannot say

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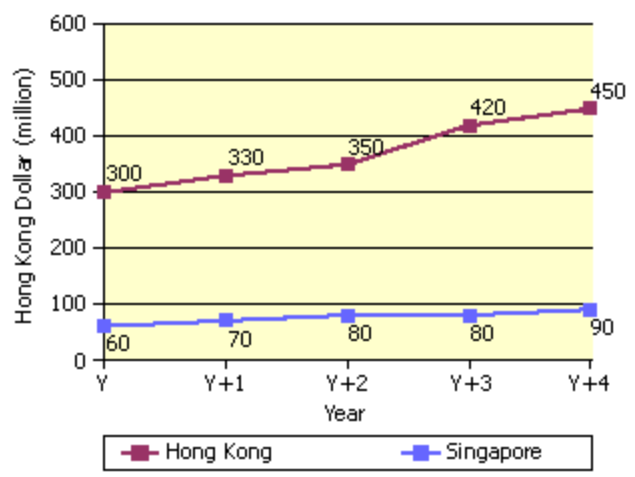


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Projected Consumer Goods Exports



Exchange Rates for Year Y
 \$4.50 Hong Kong Dollar (HKD) = \$1 Singapore Dollar (SGD)
 \$1.60 Singapore Dollar (SGD) = \$1 US Dollar (USD)

Numerical Reasoning test: Question 2 of 12

What percentage of projected consumer goods exports from both countries in Y+1 is attributable to Singapore?

- 15%
- 17.5%
- 20%
- 22.5%
- 25%

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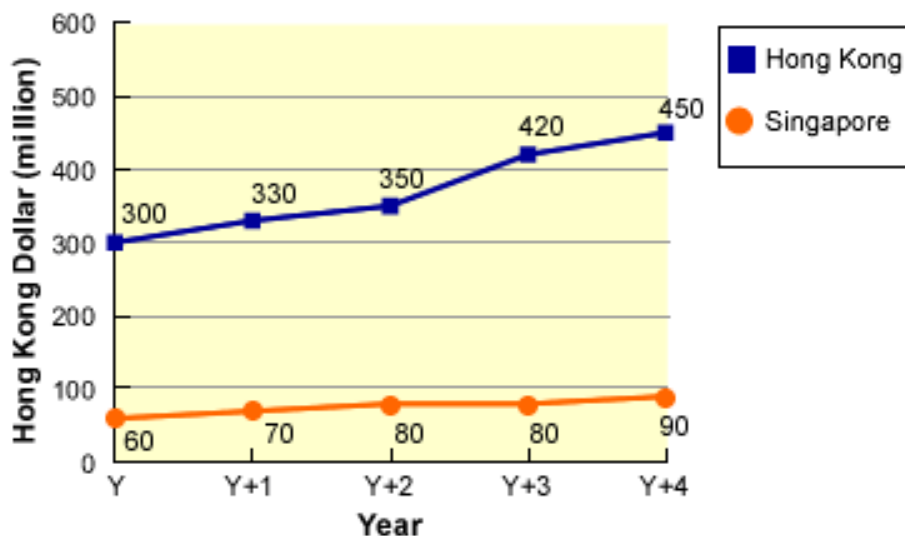
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Projected Consumer Goods Exports



Exchange Rates for Year Y

\$4.50 Hong Kong Dollar (HKD) = \$1 Singapore Dollar (SGD)

\$1.60 Singapore Dollar (SGD) = \$1 US Dollar (USD)

Question 4

At one time Hong Kong's consumer goods exports were projected to rise at 20% per year from Y+2 onwards. According to this projection, what would be the value (in \$m HKD) of Hong Kong's exports in Y+4?

 \$500m

 \$501m

 \$502m

 \$503m

 \$504m

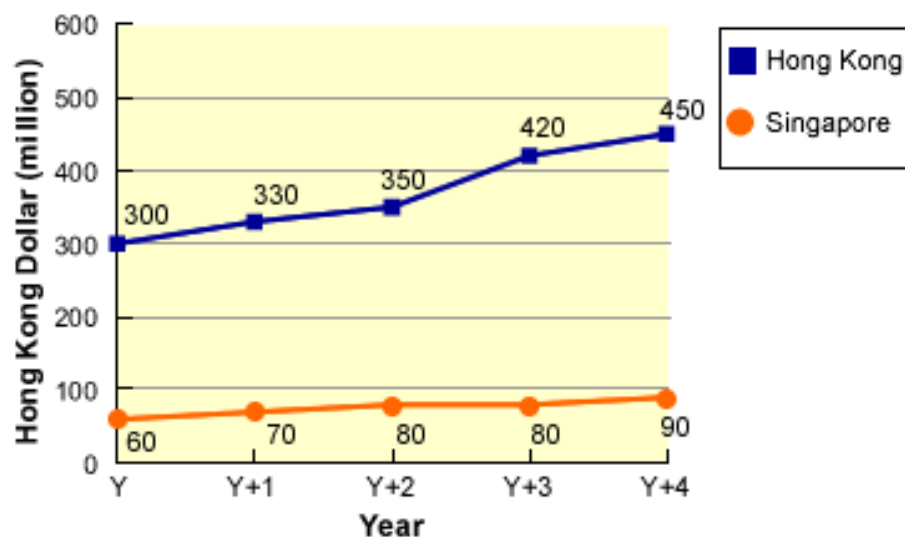
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Projected Consumer Goods Exports



Exchange Rates for Year Y

\$4.50 Hong Kong Dollar (HKD) = \$1 Singapore Dollar (SGD)

\$1.60 Singapore Dollar (SGD) = \$1 US Dollar (USD)

Question 6

What multiple of Singapore exports are Hong Kong exports worth when calculated in \$US rather than \$HKD in year Y?

- 1
- 3
- 5
- 7
- None of these

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* Uk v USA

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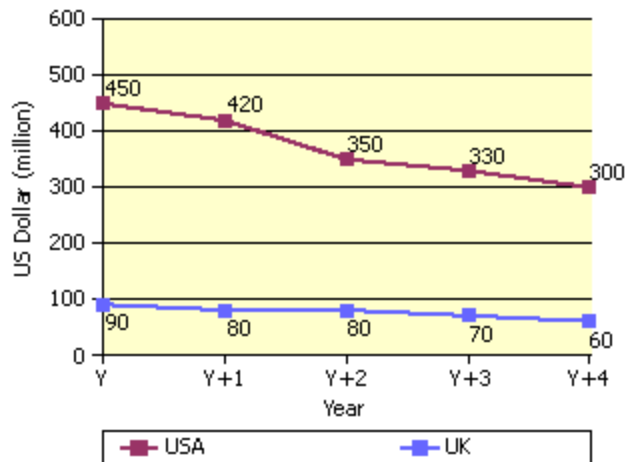


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Projected Consumer Goods Imports



Exchange Rates for Year Y
 \$ USD 1.65 = £1 Sterling
 EUR 1.55 = £1 Sterling

Numerical Reasoning test: Question 5 of 18

What is the projected ratio of USA to UK consumer goods imports in Y+4?

- 2:1
- 3:1
- 4:1
- 5:1
- Cannot say

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Numerical Reasoning test



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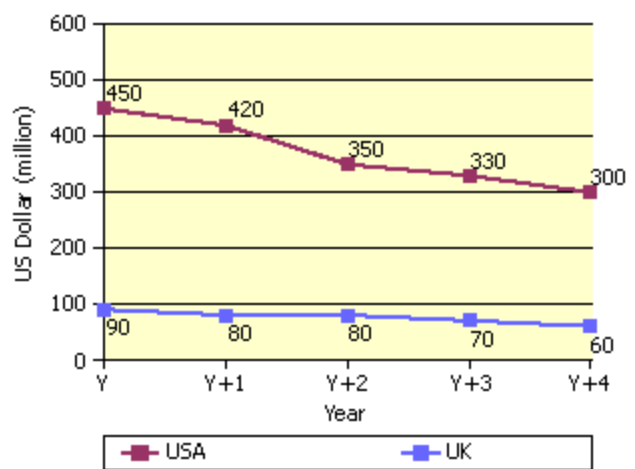


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Projected Consumer Goods Imports



Exchange Rates for Year Y
 \$ USD 1.65 = £1 Sterling
 EUR 1.55 = £1 Sterling

Numerical Reasoning test: Question 1 of 12

What is the projected percentage decrease in the combined consumer goods imports for both countries between Y and Y+4?

- 25%
- 33%
- 40%
- 48%
- 55%



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Numerical Reasoning test



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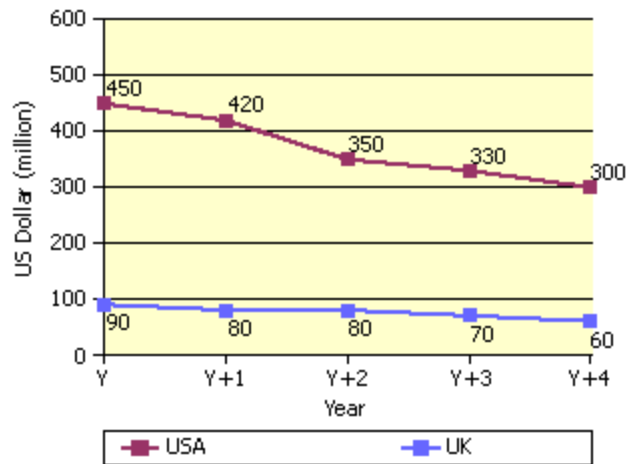


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Projected Consumer Goods Imports



Exchange Rates for Year Y
 \$ USD 1.65 = £1 Sterling
 EUR 1.55 = £1 Sterling

Numerical Reasoning test: Question 2 of 12

What percentage of the projected consumer goods imports for both countries in Y+1 is attributable to the UK?

- 10%
- 12%
- 14%
- 16%
- 18%



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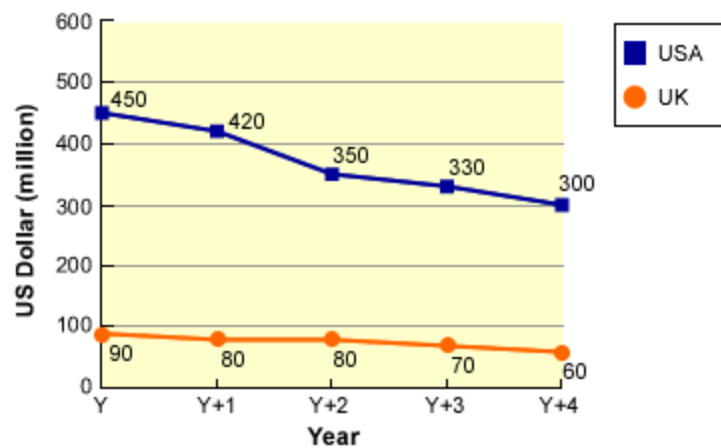
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Projected Consumer Goods Imports



Exchange Rates for Year Y

\$ USD 1.65 = £1 Sterling

EUR 1.55 = £1 Sterling

Question 5

Assuming a constant exchange rate, what is the projected approximate value of combined consumer goods imports for both countries in Y+2 (in EUR m)?

- EUR400m
 EUR404m
 EUR408m
 EUR412m
 Cannot say

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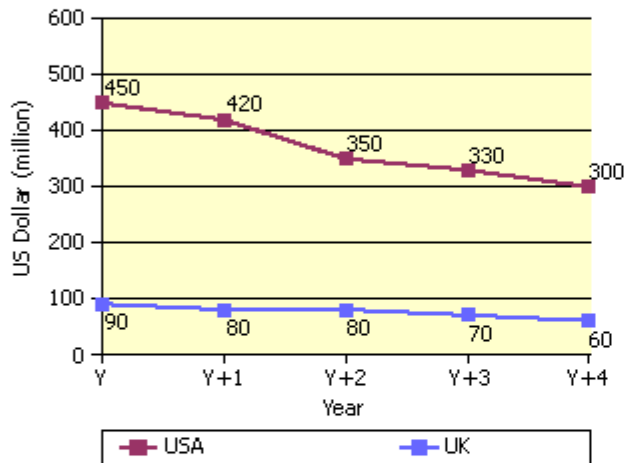


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Projected Consumer Goods Imports



Exchange Rates for Year Y
\$ USD 1.65 = £1 Sterling
EUR 1.55 = £1 Sterling

Numerical Reasoning test: Question 1 of 18

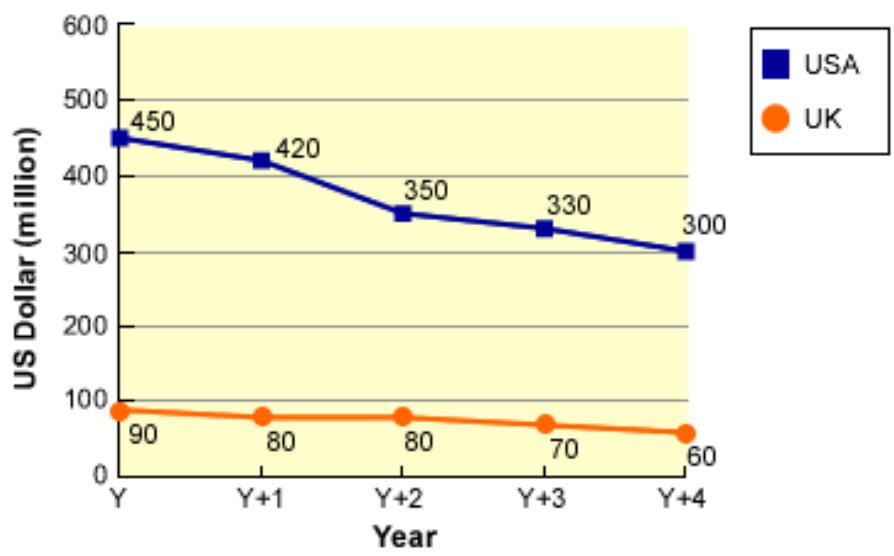
At one time USA's consumer goods imports were projected to decrease at 20% per year from Y+2 onwards. According to this projection, what would be the value (in \$m USD) of USA's imports in Y+4?

- \$220m
- \$221m
- \$222m
- \$223m
- \$224m

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Projected Consumer Goods Imports



Question 3

What multiple of UK imports are USA imports worth when calculated in EUR rather than \$USD in year Y?

- 1
- 3
- 5
- 7
- None of these

Help

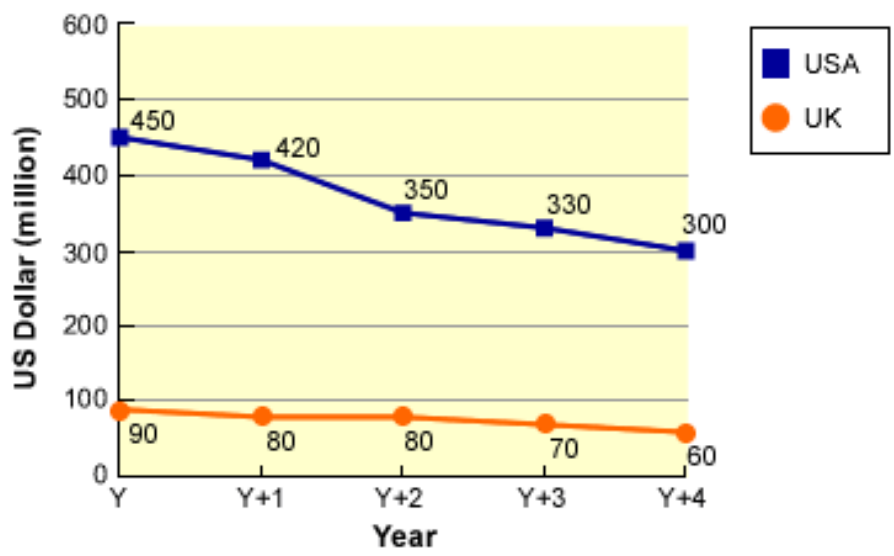
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Projected Consumer Goods Imports



Exchange Rates for Year Y
\$ USD 1.65 = £1 Sterling
EUR 1.55 = £1 Sterling

Question 2

Assuming a constant exchange rate, what is the projected value of consumer goods imports for the UK in Y+1 (in £ Sterling)?

- £45m
- £48.5m
- £52m
- £55.5m
- Cannot say

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Double glazing graph

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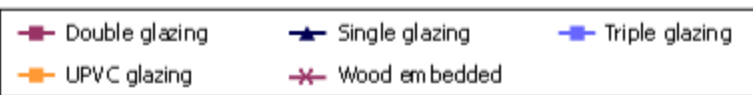
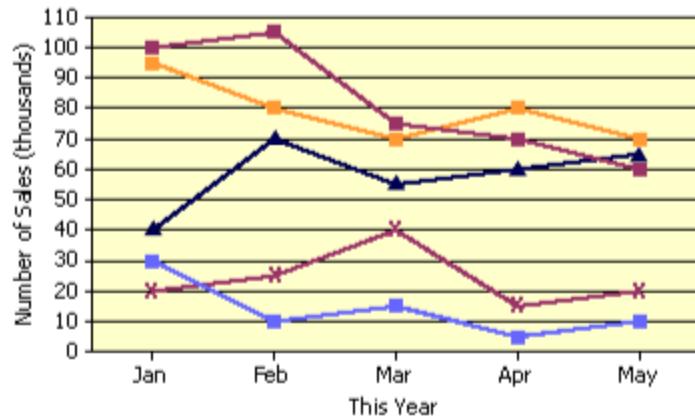


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[Instructions](#)

Bealtron Glazing



Numerical Reasoning test: Question 16 of 18

If sales for the month of June followed the same trend as for April to May, what would be the difference between the total sales of June and the total sales of May?

- 5,000
- 10,000
- 15,000
- 20,000
- 25,000



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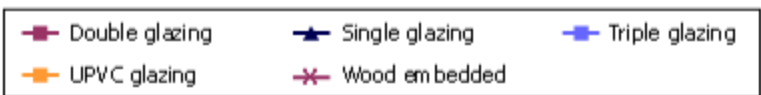
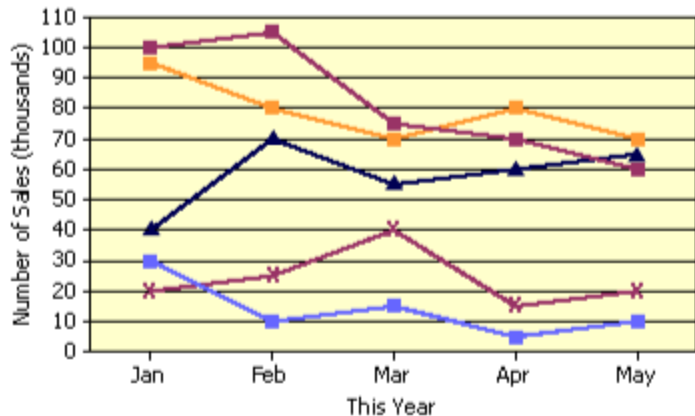


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Bealtron Glazing



Numerical Reasoning test: Question 17 of 18

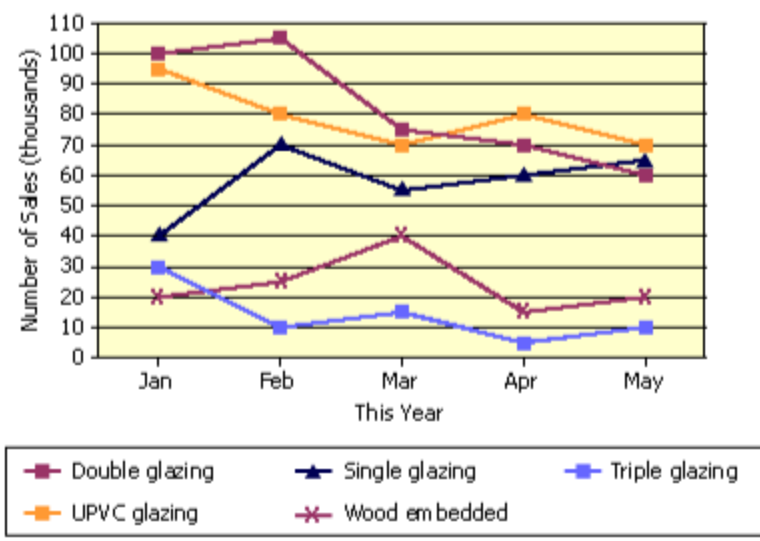
What is the approximate ratio of the total sales in January and February combined to that of April?

- 2:1
- 3:2
- 4:2
- 4:3
- 5:2

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Bealtron Glazing



Numerical Reasoning test: Question 12 of 12

If sales from December of the previous year to January increased by 40% for double glazing and decreased by 20% for single glazing, what was the ratio of single glazing to double glazing in December of the previous year?

- 2:5
- 1:2
- 3:5
- 5:7
- 4:5

Finish

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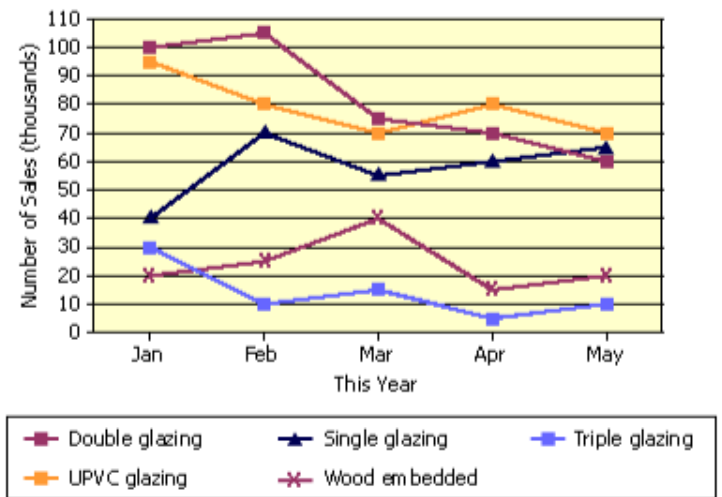


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[Instructions](#)

Bealtron Glazing



Numerical Reasoning test: Question 16 of 18

If total sales in December of the previous year were 260,000, between which two months was there the greatest percentage change in total sales?

- December - January
- January - February
- February - March
- March - April
- April - May



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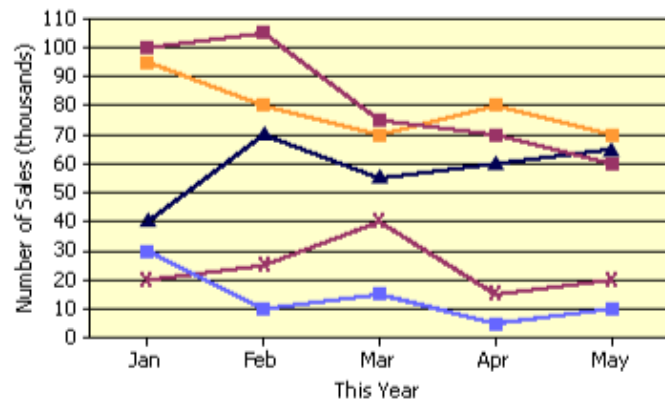


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Bealtron Glazing



Double glazing Single glazing Triple glazing
 UPVC glazing Wood embedded

Numerical Reasoning test: **Question 18 of 18**

Which month saw an increase in the total number of sales in comparison to the previous one?

- February 
 March
 April
 May
 None of these

Journey time graph

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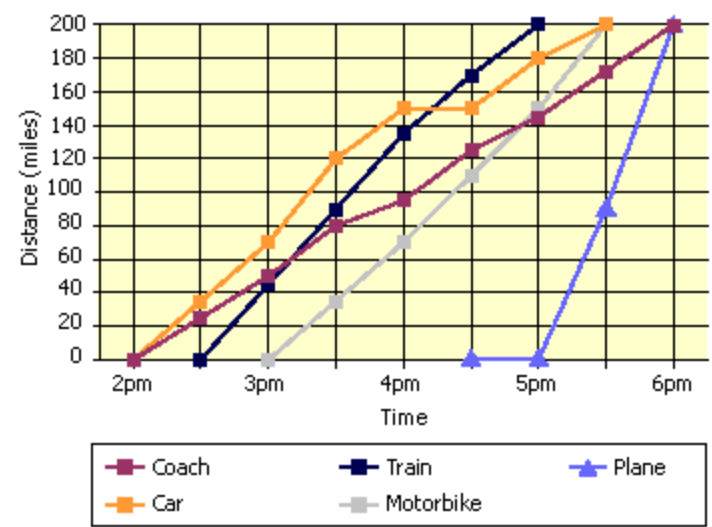


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[Instructions](#)

Journey time Litden to Fellip



1 mile = 1,609 metres

Numerical Reasoning test: Question 11 of 12

If the speed limit was 31.29 m/s, how many times did the car break the speed limit during the journey from Litden to Fellip?

- 0
- 1
- 2
- 3
- 4

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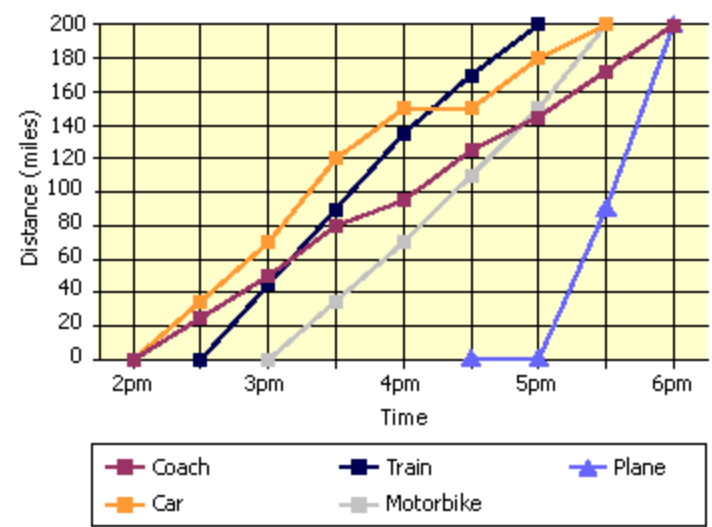


Minutes remaining

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[Instructions](#)

Journey time Liden to Fellip



1 mile = 1,609 metres

Numerical Reasoning test: Question 12 of 12

The car was delayed due to a traffic jam 241,350 metres from Liden at 4pm, which cleared at 4.30pm. If the car left Liden at 3pm with the same speed and avoided this delay, what time would the car reach Fellip?

- 5pm
- 5.30pm
- 6pm
- 6.30pm
- 7pm

Finish

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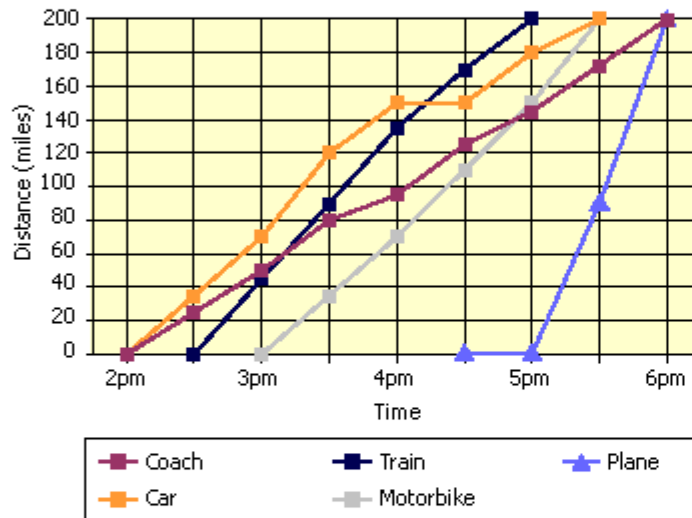


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[Inst](#)

Journey time Litden to Fellip



1 mile = 1,609 metres

Numerical Reasoning test: Question 15 of 15

At 4pm, which method of transport was closest to Fellip?

- Car
- Train
- Coach
- Motorbike
- Plane

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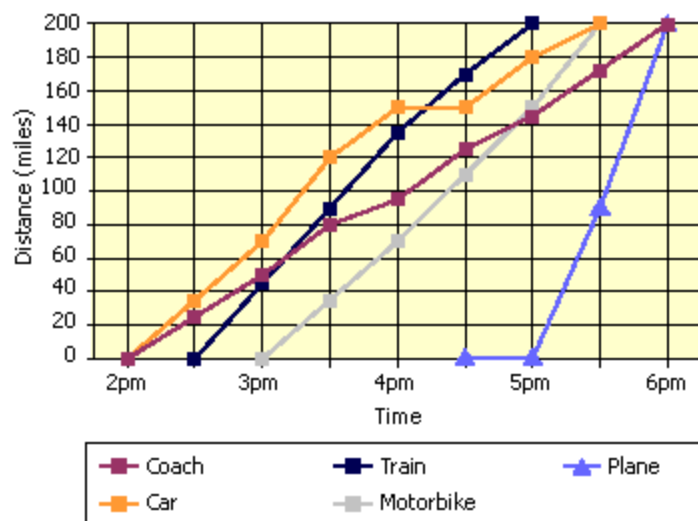


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[Instructions](#)

Journey time Liden to Fellip



1 mile = 1,609 metres

Numerical Reasoning test: **Question 16 of 18**

What is the approximate difference in average speed (metres per second) between the method of transport that had the greatest average speed and that which had the lowest average speed over the whole journey?

- 35.76m/s
- 37.10m/s
- 38.44m/s
- 39.78m/s
- 41.42m/s



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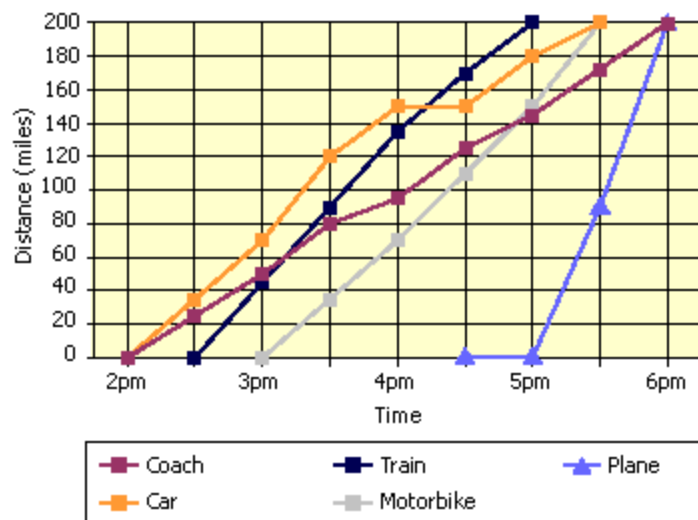
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Numerical Reasoning test: **Question 18 of 18**

Which mode of transport covered its first 193,080 metres the quickest?

Journey time Liden to Fellip

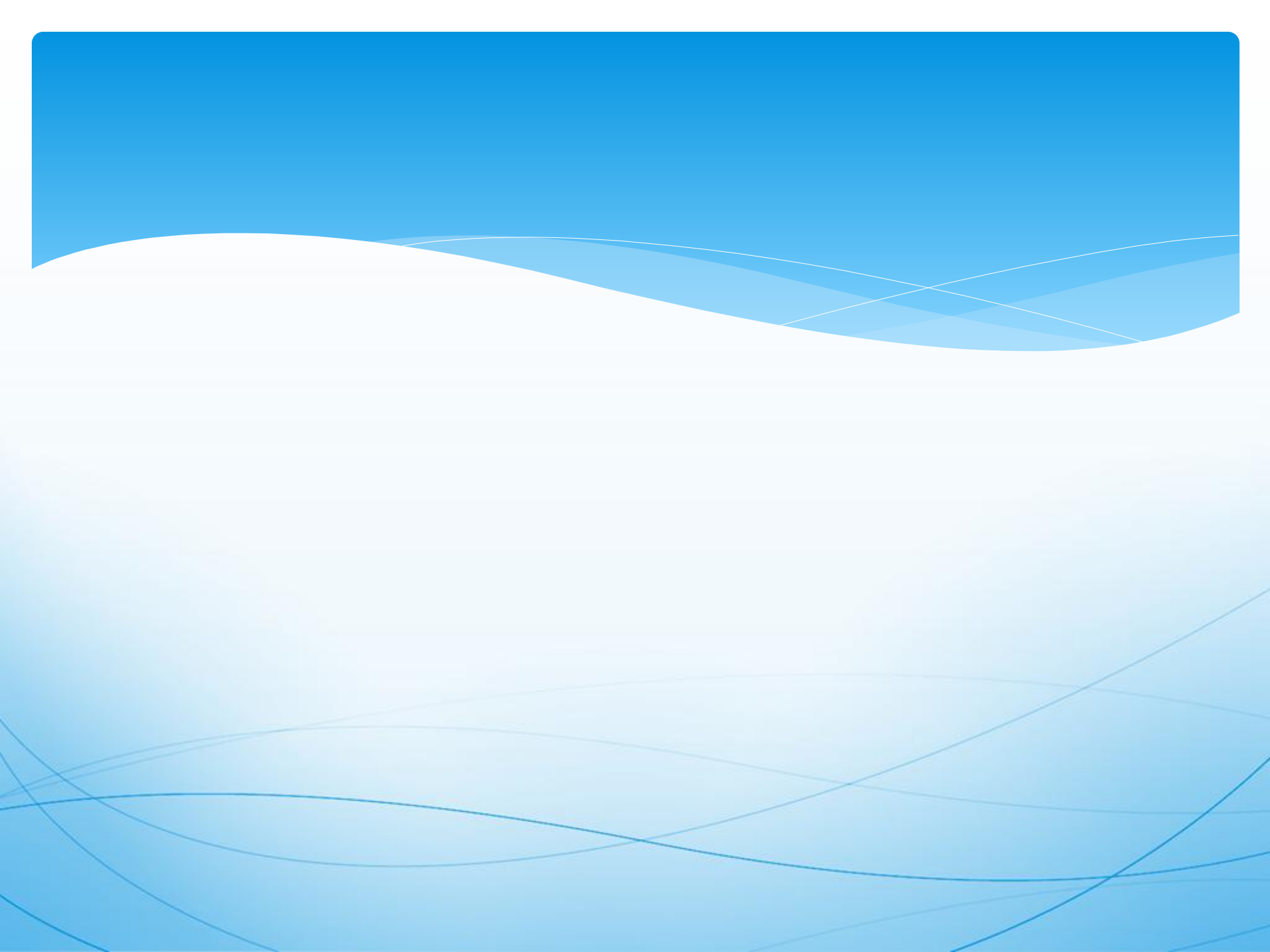


1 mile = 1,609 metres

- Car
- Train
- Coach
- Motorbike
- Plane



Finish



Currency tables

* indian

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[Instructions](#)

Today's Exchange Rates* for the Indian Rupee

	Closing Point	Today's High	Today's Low	Change on Day	World Bank Index
Sterling	56.58	56.85	54.96	+0.34	53.89
US Dollar	34.82	36.13	34.82	-0.64	34.51
Euro	37.29	38.86	35.94	+1.34	35.42
Yen	0.32	0.34	0.30	-0.02	0.30

* rates are number of Rupee per stated currency

Numerical Reasoning test: **Question 6 of 12**

A company changes \$220,000 to Rupees at 'Today's High' rate to pay a debt of 8 million Rupees. Approximately what amount of Rupees is left over, or still owing, following this transaction?

- 51,000 still owing
- 5,100 still owing
- No more owing or over
- 5,100 left over
- 51,000 left over

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Today's Exchange Rates* for the Indian Rupee

	Closing Point	Today's High	Today's Low	Change on Day	World Bank Index
Sterling	56.58	56.85	54.96	+0.34	53.89
US Dollar	34.82	36.13	34.82	-0.64	34.51
Euro	37.29	38.86	35.94	+1.34	35.42
Yen	0.32	0.34	0.30	-0.02	0.30

* rates are number of Rupee per stated currency

Numerical Reasoning test: Question 8 of 18

A trader buys Rupees with £15,000 Sterling at 'Today's High' rate. What is the maximum amount of Yen the trader could buy with these Rupees on this trading day?

- 2,840,000
- 2,842,500
- 2,845,000
- 2,847,500
- None of these

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Today's Exchange Rates* for the Indian Rupee

	Closing Point	Today's High	Today's Low	Change on Day	World Bank Index
Sterling	56.58	56.85	54.96	+0.34	53.89
US Dollar	34.82	36.13	34.82	-0.64	34.51
Euro	37.29	38.86	35.94	+1.34	35.42
Yen	0.32	0.34	0.30	-0.02	0.30

* rates are number of Rupee per stated currency

Numerical Reasoning test: Question 7 of 18

Using the World Bank Index, how many US Dollars would buy the same amount of Rupees as 862,800 Yen?

- 5,700
- 15,700
- 57,000
- 75,000
- None of these



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[Instructions](#)

Today's Exchange Rates* for the Indian Rupee

	Closing Point	Today's High	Today's Low	Change on Day	World Bank Index
Sterling	56.58	56.85	54.96	+0.34	53.89
US Dollar	34.82	36.13	34.82	-0.64	34.51
Euro	37.29	38.86	35.94	+1.34	35.42
Yen	0.32	0.34	0.30	-0.02	0.30

* rates are number of Rupee per stated currency

Numerical Reasoning test: **Question 5 of 12**

How many more Rupees could 20,000 Euros buy at peak exchange rate than at Closing Point?

- 23,400
- 29,800
- 31,400
- 58,200
- 68,600

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Today's Exchange Rates* for the Indian Rupee

	Closing Point	Today's High	Today's Low	Change on Day	World Bank Index
Sterling	56.58	56.85	54.96	+0.34	53.89
US Dollar	34.82	36.13	34.82	-0.64	34.51
Euro	37.29	38.86	35.94	+1.34	35.42
Yen	0.32	0.34	0.30	-0.02	0.30

* rates are number of Rupee per stated currency

Numerical Reasoning test: Question 10 of 18

If the exchange rate for Yen decreases by the same amount of Rupees tomorrow as it did today, how many Rupees would 30,000 Yen buy?

 8,800 8,900 9,000 9,100 9,200[Next](#)

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Today's Exchange Rates* for the Indian Rupee

	Closing Point	Today's High	Today's Low	Change on Day	World Bank Index
Sterling	56.58	56.85	54.96	+0.34	53.89
US Dollar	34.82	36.13	34.82	-0.64	34.51
Euro	37.29	38.86	35.94	+1.34	35.42
Yen	0.32	0.34	0.30	-0.02	0.30

*rates are number of Rupee per stated currency

Question 20

If the exchange rates for Sterling and Euro continue to increase every day by the same amount of Rupees as today, in how many more days would a Euro buy more Rupees than one pound Sterling?

 10

 20

 30

 40

 50

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Today's Exchange Rates* for the Indian Rupee

	Closing Point	Today's High	Today's Low	Change on Day	World Bank Index
Sterling	56.58	56.85	54.96	+0.34	53.89
US Dollar	34.82	36.13	34.82	-0.64	34.51
Euro	37.29	38.86	35.94	+1.34	35.42
Yen	0.32	0.34	0.30	-0.02	0.30

*rates are number of Rupee per stated currency

Question 13

Which currency loses the greatest proportional value against the Rupee when using the World Bank Index instead of today's closing exchange rate?

- Sterling
- US Dollar
- Euro
- Yen
- Cannot say

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* bhurma

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Numerical Reasoning test



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Today's Exchange Rates* for the Bhutanese Ngultrum

	Closing Point	Today's High	Today's Low	Change on Day	World Bank Index
Sterling	70.72	71.06	68.70	+0.42	68.00
US Dollar	43.52	45.16	43.52	-0.80	43.14
Euro	46.61	48.57	44.93	+1.68	44.28
Yen	0.40	0.43	0.38	-0.03	0.38

* rates are number of Ngultrum per stated currency

Numerical Reasoning test: Question 8 of 12

If the exchange rates for Sterling and Euro continue to increase every day by the same amount of Ngultrums as today, in how many more days would a Euro buy more Ngultrums than one pound Sterling?

 10 20 30 40 50

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Today's Exchange Rates* for the Bhutanese Ngultrum

	Closing Point	Today's High	Today's Low	Change on Day	World Bank Index
Sterling	70.72	71.06	68.70	+0.42	68.00
US Dollar	43.52	45.16	43.52	-0.80	43.14
Euro	46.61	48.57	44.93	+1.68	44.28
Yen	0.40	0.43	0.38	-0.03	0.38

* rates are number of Ngultrum per stated currency

Numerical Reasoning test: Question 10 of 18

A trader buys Ngultrums with £15,000 Sterling at 'Today's High' rate. What is the maximum amount of Yen the trader could buy with these Ngultrums on this trading day?

- 2,795,000
- 2,800,000
- 2,805,000
- 2,810,000
- None of these

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Today's Exchange Rates* for the Bhutanese Ngultrum

	Closing Point	Today's High	Today's Low	Change on Day	World Bank Index
Sterling	70.72	71.06	68.70	+0.42	68.00
US Dollar	43.52	45.16	43.52	-0.80	43.14
Euro	46.61	48.57	44.93	+1.68	44.28
Yen	0.40	0.43	0.38	-0.03	0.38

* rates are number of Ngultrum per stated currency

Numerical Reasoning test: Question 11 of 18

If the Closing Point/World Bank Index ratio is constant, what would the World Bank Index have been for Sterling yesterday?

- 67.60
- 68.10
- 68.60
- 69.10
- Cannot say



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Today's Exchange Rates* for the Bhutanese Ngultrum

	Closing Point	Today's High	Today's Low	Change on Day	World Bank Index
Sterling	70.72	71.06	68.70	+0.42	68.00
US Dollar	43.52	45.16	43.52	-0.80	43.14
Euro	46.61	48.57	44.93	+1.68	44.28
Yen	0.40	0.43	0.38	-0.03	0.38

* rates are number of Ngultrum per stated currency

Numerical Reasoning test: Question 5 of 12

Using the World Bank Index, how many US Dollars would buy the same amount of Ngultrums as 1,078,500 Yen?

- 5,900
- 15,900
- 59,000
- 95,000
- None of these

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12**Today's Exchange Rates* for the Bhutanese Ngultrum**

	Closing Point	Today's High	Today's Low	Change on Day	World Bank Index
Sterling	70.72	71.06	68.70	+0.42	68.03
US Dollar	43.52	45.16	43.52	-0.80	43.14
Euro	46.61	48.57	44.93	+1.68	44.23
Yen	0.70	0.43	0.38	-0.03	0.33

rates are number of Ngultrum per stated currency*Question 16**

How many more Ngultrums could 20,000 Euros buy at peak exchange rate than at Closing Point?

 29,300 37,300 39,200 72,800 85,800[Help](#)[Next](#)

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Today's Exchange Rates* for the Bhutanese Ngultrum

	Closing Point	Today's High	Today's Low	Change on Day	World Bank Index
Sterling	70.72	71.06	£8.70	+0.42	68.03
US Dollar	43.52	45.16	43.52	-0.80	43.14
Euro	46.61	48.57	44.93	+1.68	44.23
Yen	0.70	0.43	0.38	-0.03	0.33

*rates are number of Ngultrum per stated currency

Question 18

What was the World Bank Index for Yen yesterday?

 0.40

 0.41

 0.42

 0.43

 Cannot say

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Today's Exchange Rates* for the Bhutanese Ngultrum

	Closing Point	Today's High	Today's Low	Change on Day	World Bank Index
Sterling	70.72	71.06	68.70	+0.42	68.00
US Dollar	43.52	45.16	43.52	-0.80	43.14
Euro	46.61	48.57	44.93	+1.68	44.28
Yen	0.40	0.43	0.38	-0.03	0.38

* rates are number of Ngultrum per stated currency

Numerical Reasoning test: Question 6 of 12

A company changes \$220,000 to Ngultrums at 'Today's High' rate to pay a debt of 10 million Ngultrums. Approximately what amount of Ngultrums is left over, or still owing, following this transaction?

- 65,000 still owing
- 6,500 still owing
- No more owing or over
- 6,500 left over
- 65,000 left over

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Today's Exchange Rates* for the Bhutanese Ngultrum

	Closing Point	Today's High	Today's Low	Change on Day	World Bank Index
Sterling	70.72	71.06	68.70	+0.42	68.00
US Dollar	43.52	45.16	43.52	-0.80	43.14
Euro	46.61	48.57	44.93	+1.68	44.28
Yen	0.40	0.43	0.38	-0.03	0.38

*rates are number of Ngultrum per stated currency

Question 13

Which currency loses the greatest proportional value against the Ngultrum when using the World Bank Index instead of today's high rate?

- Sterling
- US Dollar
- Euro
- Yen
- Cannot say

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Today's Exchange Rates* for the Bhutanese Ngultrum

	Closing Point	Today's High	Today's Low	Change on Day	World Bank Index
Sterling	70.72	71.06	68.70	+0.42	68.00
US Dollar	43.52	45.16	43.52	-0.80	43.14
Euro	46.61	48.57	44.93	+1.68	44.28
Yen	0.40	0.43	0.38	-0.03	0.38

*rates are number of Ngultrum per stated currency

Question 15

If the exchange rate for Yen decreases by the same amount of Ngultrums tomorrow as it did today, how many Ngultrums would 30,000 Yen buy?

 10,700 10,800 10,900 11,000 11,100

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Orders Placed with A.H. Engineering

Unit order	Turbine Blade	Gyroscope	Undercarriage Piston
Eastlands	13,200	0	145
Luftgut	8,700	21	84
Nippon Air	0	15	0
Russair	2,450	6	30
Frontier	18,500	45	200
Price per unit (£)	£415	£20,500	£287

Exchange Rates for Sterling (£)

One pound (£) =	1-Jan	1-Apr	1-Jul
Euro	1.44	1.50	1.52
Japanese Yen	232.11	191.47	175.81
US Dollar	1.70	1.61	1.61

Numerical Reasoning test: Question 7 of 12

If Nippon Air agreed the price of their Gyroscope order in £ Sterling on 1 January and paid on 1 April, what would be the cost difference, in Japanese Yen, if paid on 1 April rather than 1 January?

- 58,877,025 ¥ Less
- 12,496,800 ¥ Less
- 9,897,500 ¥ Less
- 12,496,800 ¥ More
- 58,877,025 ¥ More

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Orders Placed with A.H. Engineering

Unit order	Turbine Blade	Gyroscope	Undercarriage Piston
Eastlands	0	15	0
Luftgut	18,500	45	200
Nippon Air	2,450	6	30
Russair	8,700	21	84
Frontier	13,200	0	145
Price per unit (£)	£425	£21,500	£295

Exchange Rates for Sterling (£)

One pound (£) =	1-Jan	1-Apr	1-Jul
Euro	1.50	1.52	1.58
Japanese Yen	191.47	175.81	163.33
US Dollar	1.65	1.61	1.60

Numerical Reasoning test: Question 6 of 12

If Nippon Air agreed the price of their Gyroscope order in £ Sterling on 1 January and paid on 1 April, what would be the cost difference, in Japanese Yen, if paid on 1 April rather than 1 January?

- 22,676,490 ¥ Less
- 2,020,140 ¥ Less
- 1,120,080 ¥ Less
- 22,020,140 ¥ More
- 22,676,490 ¥ More

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Orders Placed with A.H. Engineering

Unit order	Turbine Blade	Gyroscope	Undercarriage Piston
Eastlands	13,200	0	145
Luftgut	8,700	21	84
Nippon Air	0	15	0
Russair	2,450	6	30
Frontier	18,500	45	200
Price per unit (£)	£415	£20,500	£287

Exchange Rates for Sterling (£)

One pound (£) =	1-Jan	1-Apr	1-Jul
Euro	1.44	1.50	1.52
Japanese Yen	232.11	191.47	175.81
US Dollar	1.70	1.61	1.61

Numerical Reasoning test: **Question 6 of 12**

How many Euros would you get to the US Dollar on 1 January?

- 0.85
 1.18
 1.44
 1.70
 Cannot say

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Orders Placed with A.H. Engineering

Unit order	Turbine Blade	Gyroscope	Undercarriage Piston
Eastlands	13,200	0	145
Luftgut	8,700	21	84
Nippon Air	0	15	0
Russair	2,450	6	30
Frontier	18,500	45	200
Price per unit (£)	£415	£20,500	£287

Exchange Rates for Sterling (£)

One pound (£) =	1-Jan	1-Apr	1-Jul
Euro	1.44	1.50	1.52
Japanese Yen	232.11	191.47	175.81
US Dollar	1.70	1.61	1.61

Numerical Reasoning test: **Question 5 of 12**

If the price of Turbine Blades increases to £420, what will the percentage increase be on the cost of the Russair Turbine Blade order?

- 0.01%
- 1.19%
- 1.20%
- 12.18%
- 19.04%



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Orders Placed with A.H. Engineering

Unit order	Turbine Blade	Gyroscope	Under carriage Piston
Eastlands	0	15	0
Luftgut	18,500	45	200
Nippon Air	2,450	6	30
Russair	8,700	21	84
Frontier	13,200	0	145
Price per unit (£)	£425	£21,500	£295

Exchange Rates for Sterling (£)

One pound (£) =	1-Jan	1-Apr	1-Jul
Euro	1.50	1.52	1.58
Japanese Yen	191.47	175.81	163.33
US Dollar	1.65	1.61	1.60

Numerical Reasoning test: Question 5 of 12

If the price of Turbine Blades increases to £435, what will the percentage increase be on the cost of the Russair Turbine Blade order?

- 0.01%
 0.02%
 1.20%
 2.35%
 12.18%



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Orders Placed with A.H. Engineering

Unit order	Turbine Blade	Gyroscope	Undercarriage Piston
Eastlands	13,200	0	145
Luftgut	8,700	21	84
Nippon Air	0	15	0
Russair	2,450	6	30
Frontier	18,500	45	200
Price per unit (£)	£415	£20,500	£287

Exchange Rates for Sterling (£)

One pound (£) =	1-Jan	1-Apr	1-Jul
Euro	1.44	1.50	1.52
Japanese Yen	232.11	191.47	175.81
US Dollar	1.70	1.61	1.61

Question 7

If Frontier increased their Unit Order of Turbine Blades by 7%, approximately how much would they need to pay for Turbine Blades?

- £3,580,000
- £5,102,000
- £8,215,000
- £13,226,000
- £15,335,000



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19

Orders Placed with A.H. Engineering

Unit order	Turbine Blade	Gyroscope	Undercarriage Piston
Eastlands	13,200	0	145
Luftgut	8,700	21	84
Nippon Air	0	15	0
Russair	2,450	6	30
Frontier	18,500	45	200
Price per unit (£)	£415	£20,500	£287

Exchange Rates for Sterling (£)

One pound (£) =	1-Jan	1-Apr	1-Jul
Euro	1.44	1.50	1.52
Japanese Yen	232.11	191.47	175.81
US Dollar	1.70	1.61	1.61

Question 8

If the exchange rate for the US Dollar had increased by the same proportion as the Euro did between 1 January and 1 April, how many US Dollars would you have got to the Pound on 1 April?

- \$1.73
 \$1.76
 \$1.77
 \$1.97
 Cannot say

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19

Orders Placed with A.H. Engineering

Unit order	Turbine Blade	Gyroscope	Undercarriage Piston
Eastlands	13,200	0	145
Luftgut	8,700	21	84
Nippon Air	0	15	0
Russair	2,450	6	30
Frontier	18,500	45	200
Price per unit (£)	£415	£20,500	£287

Exchange Rates for Sterling (£)

One pound (£) =	1-Jan	1-Apr	1-Jul
Euro	1.44	1.50	1.52
Japanese Yen	232.11	191.47	175.81
US Dollar	1.70	1.61	1.61

Question 9

What percentage of the total price of the Eastlands order can be attributed to Undercarriage Pistons?

 0.08%

 0.11%

 0.75%

 1.10%

 7.54%

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Orders Placed with A.H. Engineering

Unit order	Turbine Blade	Gyroscope	Undercarriage Piston
Eastlands	13,200	0	145
Luftgut	8,700	21	84
Nippon Air	0	15	0
Russair	2,450	6	30
Frontier	18,500	45	200
Price per unit (£)	£415	£20,500	£287

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Euro	1.44	1.50	1.52
Japanese Yen	232.11	191.47	175.81
US Dollar	1.70	1.61	1.61

Question 17

If Frontier had funds available in all 3 currencies, what would be the most favourable currency with which to pay for their order on 1 January?

- Sterling
- Euro ←
- Japanese Yen
- US Dollar
- Cannot say

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Orders Placed with A.H. Engineering

Unit order	Turbine Blade	Gyroscope	Undercarriage Piston
Eastlands	0	15	0
Luftgut	18,500	45	200
Nippon Air	2,450	6	30
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Euro	1.50	1.52	1.58
Japanese Yen	191.47	175.81	163.33
US Dollar	1.65	1.61	1.60

Question 10

If Luftgut increased their Unit Order of Turbine Blades by 7%, approximately how much would they need to pay for Turbine Blades?

 £3,580,000

 £5,102,000

 £7,348,000

 £8,413,000

 £13,226,000

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Orders Placed with A.H. Engineering

Unit order	Turbine Blade	Gyroscope	Undercarriage Piston
Eastlands	0	15	0
Luftgut	18,500	45	200
Nippon Air	2,450	6	30
Russair	8,700	21	84
Frontier	13,200	0	145
Price per unit (£)	£425	£21,500	£295

Exchange Rates for Sterling (£)

One pound (£) =	1-Jan	1-Apr	1-Jul
Euro	1.50	1.52	1.58
Japanese Yen	191.47	175.81	163.33
US Dollar	1.65	1.61	1.60

Question 12

What percentage of the total price of the Frontier order can be attributed to Undercarriage Pistons?

 0.08%

 0.11%

 0.76%

 1.10%

 7.56%

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IPG paper operating table

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Operating Performance for International Paper Goods (IPG)

(EUR million)	1995	1996	1997	1998	1999	2000
Net sales	1,600	2,158	2,568	2,375	2,508	2,709
Cost of goods sold	1,089	1,487	1,661	1,508	1,568	1,716
Sales margin	511	671	886	867	922	993
Fixed costs	289	411	582	578	592	596
Operating cash flow	222	260	304	289	331	397

Numerical Reasoning test: Question 4 of 18

The average annual growth rate in Net Sales for the industry from 1995 onwards was 10%. By how many EUR did the Net Sales of IPG exceed the industry average by 1997?

- 640m
- 648m
- 656m
- 664m
- None of these ←

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[Instructions](#)**Operating Performance for International Paper Goods (IPG)**

(EUR million)	1995	1996	1997	1998	1999	2000
Net sales	1,600	2,158	2,568	2,375	2,508	2,709
Cost of goods sold	1,089	1,487	1,661	1,508	1,568	1,716
Sales margin	511	671	886	867	922	993
Fixed costs	289	411	582	578	592	596
Operating cash flow	222	260	304	289	331	397

Numerical Reasoning test: Question 5 of 18

Efficiency is the Operating Cash Flow as a percentage of total costs (Goods Sold & Fixed Costs). What was the efficiency of IPG in 1996?

- 13.1%
- 13.3%
- 13.5%
- 13.7% 
- None of these

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Operating Performance for International Paper Goods (IPG)

(EUR million)	1995	1996	1997	1998	1999	2000
Net sales	1,600	2,158	2,568	2,375	2,508	2,709
Cost of goods sold	1,089	1,487	1,661	1,508	1,568	1,716
Sales margin	511	671	886	867	922	993
Fixed costs	289	411	582	578	592	596
Operating cash flow	222	260	304	289	331	397

Numerical Reasoning test: Question 6 of 18

Between which years did the largest percentage growth in Sales Margin occur?

- 1995-1996
- 1996-1997
- 1997-1998
- 1998-1999
- 1999-2000



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Operating Performance for International Paper Goods (IPG)						
(EUR million)	1995	1996	1997	1998	1999	2000
Net sales	1,600	2,158	2,568	2,375	2,508	2,709
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Sales margin	511	671	886	867	922	993
Fixed costs	289	411	582	578	592	596
Operating cash flow	222	260	304	289	331	397

Numerical Reasoning test: Question 5 of 18

If Net Sales increased from 1994 to 1995 by the same percentage as from 1995 to 1996, what was the Sales Margin (in EUR million) in 1994?

- 359m
- 369m
- 379m
- 389m
- Cannot say



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[Instructions](#)**Operating Performance for International Paper Goods (IPG)**

(EUR million)	1995	1996	1997	1998	1999	2000
Net sales	1,600	2,158	2,568	2,375	2,508	2,709
Cost of goods sold	1,089	1,487	1,661	1,508	1,568	1,716
Sales margin	511	671	886	867	922	993
Fixed costs	289	411	582	578	592	596
Operating cash flow	222	260	304	289	331	397

Numerical Reasoning test: Question 6 of 18

The average annual growth rate in Net Sales for the industry from 1995 onwards was 20%. By how many EUR did the Net Sales of IPG exceed the industry average by 1997?

- 320m
- 324m
- 328m
- 332m
- None of these

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Operating Performance for International Paper Goods (IPG)

(EUR million)	1995	1996	1997	1998	1999	2000
Net sales	1,600	2,158	2,568	2,375	2,508	2,709
Cost of goods sold	1,089	1,487	1,661	1,508	1,568	1,716
Sales margin	511	671	886	867	922	993
Fixed costs	289	411	582	578	592	596
Operating cash flow	222	260	304	289	331	397

Numerical Reasoning test: Question 3 of 18

Efficiency is the Operating Cash Flow as a percentage of total costs (Goods Sold & Fixed Costs). What was the efficiency of IPG in 1995?

- 16.1%
 16.3%
 16.5%
 16.7%
 None of these

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Operating Performance for International Paper Goods (IPG)

(EUR million)	1995	1996	1997	1998	1999	2000
Net sales	1,600	2,158	2,568	2,375	2,508	2,709
Cost of goods sold	1,089	1,487	1,661	1,508	1,568	1,716
Sales margin	511	671	886	867	922	993
Fixed costs	289	411	582	578	592	596
Operating cash flow	222	260	304	289	331	397

Question 19

Expressing Sales Margin as a percentage of Net Sales, what was the change in this percentage from 1997 to 1998?

- 4% drop
 2% drop
 No change
 2% rise
 4% rise


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Operating Performance for International Paper Goods (IPG)

(EUR million)	1995	1996	1997	1998	1999	2000
Net sales	1,600	2,158	2,568	2,375	2,508	2,709
Cost of goods sold	1,089	1,487	1,661	1,508	1,568	1,716
Sales margin	511	671	886	867	922	993
Fixed costs	289	411	582	578	592	596
Operating cash flow	222	260	304	289	331	397

Question 20

If the percentage decrease in Operating Cash Flow for 1997 to 1998 continued at the same rate, how many more years would elapse before it fell below 1996 levels?

- 1
- 3
- 5
- 7
- Cannot say

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Operating Performance for International Paper Goods (IPG)

(EUR million)	1995	1996	1997	1998	1999	2000
Net sales	1,600	2,158	2,568	2,375	2,508	2,709
Cost of goods sold	1,089	1,487	1,661	1,508	1,568	1,716
Sales margin	511	671	886	867	922	993
Fixed costs	289	411	582	578	592	596
Operating cash flow	222	260	304	289	331	397

Question 21

What was the average annual percentage growth in Net Sales for 1999 and 2000?

 3.2%

 4.4%

 5.6%

 6.8%

 7.9%

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**Operating Performance for International Paper Goods (IPG)**

(EUR million)	1995	1996	1997	1998	1999	2000
Net sales	1,600	2,158	2,568	2,375	2,508	2,709
Cost of goods sold	1,089	1,487	1,661	1,508	1,568	1,716
Sales margin	511	671	886	867	922	993
Fixed costs	289	411	582	578	592	596
Operating cash flow	222	260	304	289	331	397

Question 9

For which year did the Cost of Goods Sold constitute the largest percentage of Net Sales?

 1995 1996 1997 1998 1999 2000

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Demographic and Infrastructure Information

	UK	Brazil	India
Population (m)	59.40	168	1,023
GNP (in USA \$m)	1,129,000	485,000	265,000
Economically Active Pop. (%)	49.80	42.70	37.30
Urban : Rural Pop. (%)	90.6 : 9.4	74.3 : 25.7	26.1 : 73.9
Telephones (m)	29.20	12.30	8.44
Vehicles-Cars (m)	21.20	15.30	2.50
Vehicles-Trucks & Buses (m)	3.10	1.70	1.50
Total Road Length (m of Km)	0.38	1.70	2.10

m = millions

Numerical Reasoning test: Question 3 of 12

What is the GNP per person in India?

- \$259
- \$386
- \$534
- \$3,860
- \$2,590,400

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Demographic and Infrastructure Information

	UK	Brazil	India
Population (m)	59.40	168	1,023
GNP (in USA \$m)	1,129,000	485,000	265,000
Economically Active Pop. (%)	49.80	42.70	37.30
Urban : Rural Pop. (%)	90.6 : 9.4	74.3 : 25.7	26.1 : 73.9
Telephones (m)	29.20	12.30	8.44
Vehicles-Cars (m)	21.20	15.30	2.50
Vehicles-Trucks & Buses (m)	3.10	1.70	1.50
Total Road Length (m of Km)	0.38	1.70	2.10

m = millions

Numerical Reasoning test: Question 4 of 12

How many people live in urban areas in the UK?

- 538,164
- 558,360
- 53,816,400
- 55,836,000
- Cannot say



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Demographic and Infrastructure Information

	UK	Brazil	India
Population (m)	59.40	168	1,023
GNP (in USA \$m)	1,129,000	485,000	265,000
Economically Active Pop. (%)	49.80	42.70	37.30
Urban : Rural Pop. (%)	90.6 : 9.4	74.3 : 25.7	26.1 : 73.9
Telephones (m)	29.20	12.30	8.44
Vehicles-Cars (m)	21.20	15.30	2.50
Vehicles-Trucks & Buses (m)	3.10	1.70	1.50
Total Road Length (m of Km)	0.38	1.70	2.10

m = millions

Numerical Reasoning test: Question 1 of 18

What is the approximate ratio of the number of telephones in India to the number of telephones in the UK?

- 1:5
- 2:5
- 2:7
- 4:9
- 1:2



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**Demographic and Infrastructure Information**

	UK	Brazil	India
Population (m)	59.4	168	1023
GNP (in USA \$m)	1,129,000	485,000	265,000
Economically Active Pop. (%)	49.8	42.7	37.3
Urban: Rural Pop. (%)	90.6 : 9.4	74.3 : 25.7	26.1 : 73.9
Telephones (m)	29.20	12.30	8.44
Vehicles-Cars (m)	21.2	15.3	2.5
Vehicles-Trucks & Buses (m)	3.1	1.7	1.5
Total Road Length (m of Km)	0.38	1.7	2.1

*m = millions***Question 1**

What percentage of the population in Brazil own both cars and telephones?

- 8.2%
- 13.8%
- 16.4%
- 27.6%
- Cannot say ←

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Demographic and Infrastructure Information

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m = millions

Question 10

If 90% of cars in India are owned by urban dwellers, what percentage of urban dwellers own cars (assuming a maximum of one car per person)?

 0.22%

 0.84%

 1.28%

 22%

 60%

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**Demographic and Infrastructure Information**

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Total Road Length (m of Km)	0.38	1.7	2.1

*m = millions***Question 11**

How many vehicles are there per kilometre of road in India?

 0.53 0.84 1.19 1.90 8.40

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**Demographic and Infrastructure Information**

	UK	Brazil	India
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Vehicles-Cars (m)	21.2	15.3	2.5
Vehicles-Trucks & Buses (m)	3.1	1.7	1.5
Total Road Length (m of Km)	0.38	1.7	2.1

*m = millions***Question 12**

If 45% of telephones in the UK are owned by business, how many people are there in the UK per home telephone?

 0.2 0.3 2.2 3.7 4.5

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* South africa argentina

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Demographic and Infrastructure Information

	South Africa	Australia	Argentina
Population (m)	36.50	19.20	35.60
GNP (in USA \$m)	122,675	315,500	227,500
Economically Active Pop. (%)	36.10	50.10	39.00
Urban : Rural Pop. (%)	61.1 : 38.9	86.0 : 14.0	86.4 : 13.6
Telephones (m)	3.82	8.51	4.35
Vehicles-Cars (m)	3.50	8.10	4.10
Vehicles-Trucks & Buses (m)	1.90	2.00	1.60
Total Road Length (m of Km)	0.19	0.82	0.22

m = millions

Numerical Reasoning test: **Question 3 of 12**

How many people live in urban areas in South Africa?

- 223,015
- 597,381
- 5,973,810
- 22,301,500
- 28,397,000

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Demographic and Infrastructure Information

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Vehicles-Cars (m)	3.50	8.10	4.10
Vehicles-Trucks & Buses (m)	1.90	2.00	1.60
Total Road Length (m of Km)	0.19	0.82	0.22

m = millions

Numerical Reasoning test: **Question 4 of 12**

What is the GNP per person in Argentina?

- \$386
 \$3,860
 \$6,390
 \$24,920
 \$63,904

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Demographic and Infrastructure Information

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Vehicles-Cars (m)	3.50	8.10	4.10
Vehicles-Trucks & Buses (m)	1.90	2.00	1.60
Total Road Length (m of Km)	0.19	0.82	0.22

m = millions

Numerical Reasoning test: Question 1 of 12

What is the approximate ratio of the number of telephones in South Africa to the number of telephones in Australia?

- 2:5
- 2:7
- 1:3
- 4:9
- 2:3



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Economic Zones

small table



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Economic Zones

Economic Zone	Population (millions)	Public Transportation Vehicles (millions)	Privately Owned Vehicles (millions)	Per Capita Income (Euro equivalent)
A	18.90	0.16	1.12	20,634
B	52.30	0.42	2.10	13,680
C	11.96	0.21	4.26	24,750

Numerical Reasoning test: Question 1 of 12

What is the approximate ratio of privately owned vehicles in Zone B to privately owned vehicles in Zone C?

- 1:4
- 1:3
- 1:2
- 3:1
- 4:1

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Economic Zones

Economic Zone	Population (millions)	Public Transportation Vehicles (millions)	Privately Owned Vehicles (millions)	Per Capita Income (Euro equivalent)
A	18.90	0.16	1.12	20,634
B	52.30	0.42	2.10	13,680
C	11.96	0.21	4.26	24,750

Numerical Reasoning test: Question 2 of 12

If the average cost of a privately owned vehicle is a third of per capita income, how much has the population of Zone C spent on privately owned vehicles in total, in millions of Euros?

- 5,107m
- 14,444m
- 35,145m
- 98,670m
- 238,488m

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Economic Zones				
Economic Zone	Population (millions)	Public Transportation Vehicles (millions)	Privately Owned Vehicles (millions)	Per Capita Income (Euro equivalent)
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C	11.96	0.21	4.26	24,750

Numerical Reasoning test: Question 3 of 12

What is the ratio of per capita income in Zone A to Zone B?

 5:4 3:2 3:1 2:3 4:5[Next](#)

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Across all three economic zones, what is the approximate ratio of the population to total vehicles?

Economic Zones				
Economic Zone	Population (millions)	Public Transportation Vehicles (millions)	Privately Owned Vehicles (millions)	Per Capita Income (Euro equivalent)
A	18.90	0.16	1.12	20,634
B	52.30	0.42	2.10	13,680
C	11.96	0.21	4.26	24,750

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Livestock stores southern northern

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Numerical Reasoning test: Question 9 of 12

If plans show that stores can yield 15% more turnover than they did last year, which store is predicted to produce the highest turnover next year?

Lifestack Stores				
Store	Floor Space (m ²)	Turnover (000s per week)	Turnover as % of last year	Operating Costs (millions per year)
Eastern	300	100	75	2.23
Western	400	60	160	0.78
Central	450	140	96	1.94
Northern	500	50	80	0.83
Southern	600	90	120	0.70

- Southern
- Northern
- Central
- Western
- Eastern



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Lifestack Stores

Store	Floor Space (m ²)	Turnover (000s per week)	Turnover as % of last year	Operating Costs (millions per year)
Eastern	300	100	75	2.23
Western	400	60	160	0.78
Central	450	140	96	1.94
Northern	500	50	80	0.83
Southern	600	90	120	0.70

Numerical Reasoning test: Question 10 of 12

If operating costs remain constant from last year to this, which store had the highest turnover per unit operating cost last year?

- Southern
- Northern
- Central
- Western
- Eastern



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Lifestack Stores

Store	Floor Space (m ²)	Turnover (000s per week)	Turnover as % of last year	Operating Costs (millions per year)
Eastern	300	100	75	2.23
Western	400	60	160	0.78
Central	450	140	96	1.94
Northern	500	50	80	0.83
Southern	600	90	120	0.70

Numerical Reasoning test: Question 13 of 18

If operating costs have remained the same as last year, for which store was the ratio of turnover to operating costs the largest that year?

- Southern
- Northern
- Central
- Western
- Eastern

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Lifestyle Stores

Store	Floor Space (m ²)	Turnover (000s per week)	Turnover as % of last year	Operating Costs (millions per year)
Eastern	300	100	75	2.23
Western	400	60	160	0.78
Central	450	140	96	1.94
Northern	500	50	80	0.83
Southern	600	90	120	0.70

Numerical Reasoning test: Question 12 of 12

Which store produced the highest turnover last year, per metre squared of floor space?

- Southern
- Northern
- Central
- Western
- Eastern

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Lifestack Stores

Store	Floor Space (m ²)	Turnover (000s per week)	Turnover as % of last year	Operating Costs (millions per year)
Eastern	300	100	75	2.23
Western	400	60	160	0.78
Central	450	140	96	1.94
Northern	500	50	80	0.83
Southern	600	90	120	0.70

Numerical Reasoning test: Question 15 of 18

Which of the following statements best describes the change in turnover between last year and next year if turnover is predicted to increase by 10% from this year to next year in all stores?

- Turnover increases in all stores
- Turnover declines in all stores
- Total turnover unchanged
- Total turnover increases less than 10%
- Total turnover increases more than 10%

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REXWARE environmentally friendly paper

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Rexare GMBH - Environmentally Friendly Paper

Woodland	No. of existing trees	No. of trees to be cut down	Cost of replacing a tree	Cost of cutting down a tree	Income from paper sold per tree (€)
Exmur	797	762	€ 2.18	€ 4.26	€ 3,523
Zeymouth	7,564	2,197	€ 2.35	€ 3.74	€ 7,365
Leymir	6,452	2,364	€ 2.95	€ 4.36	€ 9,324
Wofen	4,261	1,658	€ 2.21	€ 4.53	€ 3,640
Saythel	16,245	5,326	€ 3.02	€ 4.42	€ 5,425

Note: Replanting of trees

- For the first 500 trees cut down, Rexare GMBH replaces each with 5 trees
- For the next 500 trees cut down, up to 1,000, each is replaced with 6 trees
- All trees cut down over 1,000 are replaced with 10 trees per tree cut down

Numerical Reasoning test: Question 7 of 12

If all woodlands were taken on as a single project, then how many trees (approximately) would have to be replanted if ALL of the existing trees in the woodlands were cut down?

- 181,000
- 349,000
- 421,000
- 572,000
- 675,000



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- All trees cut down over 1,000 are replaced with 10 trees per tree cut down

Numerical Reasoning test: Question 8 of 12

Approximately how many trees would Saythel have after the cutting down and replacing of trees has taken place?

 40,000

 50,000

 60,000

 70,000

 80,000

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- All trees cut down over 1,000 are replaced with 10 trees per tree cut down

Numerical Reasoning test: Question 10 of 18

Approximately how much profit is due to Exmur woodland, once all trees required have been cut, replanting has taken place, and paper from these trees has been sold?

- €9,000
- €125,000
- €1.32 million
- €2.67 million
- €3.74 million

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- For the first 500 trees cut down, Rexare GMBH replaces each with 5 trees
- For the next 500 trees cut down, up to 1,000, each is replaced with 6 trees
- All trees cut down over 1,000 are replaced with 10 trees per tree cut down

Numerical Reasoning test: Question 12 of 18

How many trees would be replaced for the Leymir woodland after the required trees have been cut down?

- 11,820
- 14,184
- 19,140
- 23,640
- 64,520



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Note: Replanting of trees

- For the first 500 trees cut down, Rexare GMBH replaces each with 5 trees
- For the next 500 trees cut down, up to 1,000, each is replaced with 6 trees
- All trees cut down over 1,000 are replaced with 10 trees per tree cut down

Numerical Reasoning test: Question 7 of 12

Approximately how much money did Rexare GMBH spend on replacing trees for all the trees they cut down in the Exmur woodland?

- €1,737
- €2,500
- €4,282
- €8,687
- €8,877

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AKXE Fashion

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AKXE Fashion Productions

Product	Production Cost per Item	Total number of Sales (000s) by Year				
		Year 1	Year 2	Year 3	Year 4	Year 5
Trousers	\$3.20	7,230	5,124	6,186	4,820	12,945
Shirts	\$4.73	9,542	5,462	4,654	3,698	7,684
Jumpers	\$2.64	6,437	4,369	8,438	5,815	8,428
Suits	\$11.36	2,564	7,264	1,579	6,479	2,545
Other	\$2.45	5,456	8,126	7,126	9,433	11,943

Numerical Reasoning test: Question 7 of 12

Of the total sales over the 5-year period, approximately what percentage were trousers?

- 16%
- 17%
- 22%
- 23%
- 30%

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AKXE Fashion Productions

Product	Production Cost per Item	Total number of Sales (000s) by Year				
		Year 1	Year 2	Year 3	Year 4	Year 5
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Other	\$2.45	5,456	8,126	7,126	9,433	11,943

Numerical Reasoning test: **Question 5 of 12**

Over the 5-year period, which product was the most expensive to produce?

- Trousers
- Shirts
- Jumpers
- Suits
- Other

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AKXE Fashion Productions

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Other	\$2.45	5,456	8,126	7,126	9,433	11,943

Numerical Reasoning test: **Question 8 of 12**

If the profit value of each item sold is the same, which item made the most profit for the company over the 5-year period?

- Trousers
- Shirts
- Jumpers
- Suits
- Other ←

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Suits	\$11.36	2,564	7,264	1,579	6,479	2,545
Other	\$2.45	5,456	8,126	7,126	9,433	11,943

Numerical Reasoning test: Question 8 of 12

What is the approximate ratio of shirts sold in Year 1 and Year 2 to the total sales of all products in Year 5?

 1:2

 1:3

 2:1

 2:3

 3:2

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AKXE Fashion Productions

Product	Production Cost per Item	Total number of Sales (000s) by Year				
		Year 1	Year 2	Year 3	Year 4	Year 5
Trousers	\$3.20	7,230	5,124	6,186	4,820	12,945
Shirts	\$4.73	9,542	5,462	4,654	3,698	7,684
Jumpers	\$2.64	6,437	4,369	8,438	5,815	8,428
Suits	\$11.36	2,564	7,264	1,579	6,479	2,545
Other	\$2.45	5,456	8,126	7,126	9,433	11,943

Numerical Reasoning test: **Question 7 of 12**

What is the ratio of the total number of suits sold in the 5 years to the total number of shirts sold over the 5-year period?

- 1:2
- 2:3
- 3:4
- 3:2
- 2:1

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RED Petroleum oil targets

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Red Petroleum Inc - 6 month Target Review

Oil Rig	Daily production target of oil (000s) Gallons*	Production cost per Gallon (\$)	Oil Production (000s Litres)**					
			Month 1	Month 2	Month 3	Month 4	Month 5	Month 6
D64	256	\$0.25	30,102	29,403	28,642	26,036	27,956	30,215
S23	127	\$0.16	12,220	17,236	12,542	15,423	11,036	15,651
L09	32	\$0.22	4,236	3,212	2,541	3,695	4,032	4,122
H42	115	\$0.31	12,365	11,336	18,531	13,215	12,036	9,015
A56	78	\$0.21	8,456	8,123	8,621	7,924	8,123	8,325

* 1 Gallon (US) = 3.785 litres

** Assume 30 days in each month

Numerical Reasoning test: **Question 9 of 12**

If a litre of oil is sold at \$0.89, which oilrig made the most profit in the 6 month period?

- D64
- S23
- L09
- H42
- A56



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Red Petroleum Inc - 6 month Target Review

Oil Rig	Daily production target of oil (000s) Gallons*	Production cost per Gallon (\$)	Oil Production (000s Litres)**					
			Month 1	Month 2	Month 3	Month 4	Month 5	Month 6
D64	256	\$0.25	30,102	29,403	28,642	26,036	27,956	30,215
S23	127	\$0.16	12,220	17,236	12,542	15,423	11,036	15,651
L09	32	\$0.22	4,236	3,212	2,541	3,695	4,032	4,122
H42	115	\$0.31	12,365	11,336	18,531	13,215	12,036	9,015
A56	78	\$0.21	8,456	8,123	8,621	7,924	8,123	8,325

* 1 Gallon (US) = 3.785 litres

** Assume 30 days in each month

Numerical Reasoning test: Question 10 of 12

If a gallon of oil is sold at \$0.89, how much profit would Oil Rig D64 have made in the 6-month period (based on targets, and taking production costs into account)?

- \$0.26 million
 \$7.68 million
 \$14.65 million
 \$22.12 million
 \$29.50 million

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Red Petroleum Inc - 6 month Target Review

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* 1 Gallon (US) = 3.785 litres

** Assume 30 days in each month

Numerical Reasoning test: Question 16 of 18

What is Red Petroleum's total oil production target (in litres) in a 6 month period?

- 2 million
- 18 million
- 109 million
- 404 million
- 414 million ←

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Red Petroleum Inc - 6 month Target Review

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* 1 Gallon (US) = 3.785 litres

** Assume 30 days in each month

Numerical Reasoning test: Question 17 of 18

What was the approximate cost of total oil production in Month

- \$2.25 million
- \$4.23 million
- \$7.12 million
- \$8.26 million
- \$9.41 million

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KQX Delivery

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KQX Delivery Services (Vehicle Kilometres by Month)

Depot	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Totals
Asquith Crescent	980	1,004	614	1,504	974	1,016	6,092
Turly Gardens	1,260	644	992	1,050	1,642	1,118	6,706
Totals	2,240	1,648	1,606	2,554	2,616	2,134	12,798

Numerical Reasoning test: Question 1 of 18

If the maintenance cost per kilometre is Euro 0.70, what was the difference in maintenance costs between Asquith Crescent and Turly Gardens in Month 5 (to the nearest whole Euro)?

- Euro 71
- Euro 252
- Euro 265
- Euro 318
- Euro 468

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Turly Gardens	1,260	644	992	1,050	1,642	1,118	6,706
Totals	2,240	1,648	1,606	2,554	2,616	2,134	12,798

Numerical Reasoning test: Question 2 of 12

Between which two months did Asquith Crescent see the greatest percentage change in delivery distance (kilometres)?

- 1 to 2
- 2 to 3
- 3 to 4
- 4 to 5
- 5 to 6

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Numerical Reasoning test: Question 1 of 18

Between which two months did the lowest percentage change occur in total delivery distance (kms)?

KQX Delivery Services (Vehicle Kilometres by Month)							
Depot	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Totals
Asquith Crescent	980	1,004	614	1,504	974	1,016	6,092
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- 1 to 2
- 2 to 3
- 3 to 4
- 4 to 5
- 5 to 6



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Totals	2,240	1,648	1,606	2,554	2,616	2,134	12,798

Numerical Reasoning test: Question 6 of 18

If Asquith Crescent's maintenance costs per kilometre is Euro 0.10 less than Turly Gardens, and if Turly Gardens' maintenance costs were Euro 450.80 in Month 2, what were the maintenance costs for Asquith Crescent in Month 2?

- Euro 368
- Euro 584
- Euro 588
- Euro 602
- Euro 902

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Darwin

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Darwin Enterprises Financial Information			
	Year 1	Year 2	Year 3
Turnover (£m*)	11.40	10.60	8.50
Income (£m*)	9.20	3.10	1.10
Assets (£m*)	42.30	28.70	32.60
Debt (£m*)	9.70	6.50	17.80
Profit Margin (%)	80.70	29.25	12.94
Share Price (pence)	108.00	85.60	56.60
Number of Shares (m*)	50	50	50

*m = millions

Numerical Reasoning test: Question 6 of 12

If Darwin Enterprise's Share Price/Income ratio had remained constant from Year 1 onwards, what would the Share Price have been in Year 3?

- 1.4p
- 12.9p
- 25.7p
- 48.5p
- Cannot say

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Darwin Enterprises Financial Information			
	Year 1	Year 2	Year 3
Turnover (£m*)	11.40	10.60	8.50
Income (£m*)	9.20	3.10	1.10
Assets (£m*)	42.30	28.70	32.60
Debt (£m*)	9.70	6.50	17.80
Profit Margin (%)	80.70	29.25	12.94
Share Price (pence)	108.00	85.60	56.60
Number of Shares (m*)	50	50	50

*m = millions

Numerical Reasoning test: Question 10 of 18

What would the Turnover be in Year 4 if it continued to decrease at the same rate as between Year 2 and Year 3?

- £5.9m
- £6.1m
- £6.4m
- £6.8m
- £7.1m



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Share Price (pence)	108.00	85.60	56.60
Number of Shares (m*)	50	50	50

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Numerical Reasoning test: Question 5 of 12

Which of the following formulae has been used to calculate Profit Margin?

- Income/(Turnover x 100)
- Income/(Debt x 100)
- (Income/Turnover) x 100
- (Income/Debt) x 100
- None of these

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Darwin Enterprises Financial Information			
	Year1	Year2	Year3
Turnover (£m*)	11.4	10.6	8.5
Income (£m*)	9.2	3.1	1.1
Assets (£m*)	42.3	28.7	32.6
Debt (£m*)	9.7	6.5	17.8
Profit Margin (%)	80.70	29.25	12.94
Share Price (pence)	108.0	85.6	56.6
Number of Shares (m*)	50	50	50

*m = millions

Question 21

What was the smallest percentage drop in Share Price and when did it occur?

- Year 1 to Year 2 – 18%
- Year 1 to Year 2 – 21% ←
- Year 1 to Year 2 – 22%
- Year 2 to Year 3 – 21%
- Year 2 to Year 3 – 34%

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Zone 5 Assembly

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Zone 5 Assembly Line - Report

Line	Product	Shift hours	Number of man hours to complete a vehicle	Total workers per day	Target vehicles per day	Retail cost per vehicle (£)
A	Cars	08:00-15:30	12 hours	117	80	£6,237
B	Vans	09:00-18:00	9.5 hours	76	70	£4,546
C	LGV	06:00-21:00	22 hours	198	115	£11,057
D	Agricultural	10:00-16:00	8 hours	56	42	£10,384
E	Off-Road	10:00-16:00	6 hours	45	45	£8,254

Numerical Reasoning test: Question 10 of 12

Considering the hours required in producing a vehicle, and assuming that overall production cost per hour is £240, which vehicle type proves the most profitable for the company?

- Cars
 Vans
 LGV
 Agricultural
 Off-Road

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Numerical Reasoning test: Question 10 of 12

If all staff were required to work on assembly line A for cars, approximately how many cars would be produced a day if staff from other lines are only required to work their normal daily hours?

 150

 220

 290

 360

 430

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Numerical Reasoning test: Question 9 of 12

How many more workers does the assembly line which failed to produce its target amount of vehicles require to meet its target?

- 11

 15

 19

 23

 27



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Numerical Reasoning test: Question 9 of 12

If the target for cars produced per day were increased to 100 without increasing the number of staff, approximately what time will the daily shift end (assuming a normal start at 08:00) to meet this target?

 16:45

 17:30

 18:15

 19:00

 19:45

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Departmental Time Usage - Hours per annum

Department (no. of employees)	Available Time Resources	Time Used		
		Support / Admin	New Products	Product Extensions
Engineering (5)	10,000	4,000	6,000	432
Technical Services (8)	16,000	3,700	9,540	673
Marketing (3)	6,000	3,600	2,000	0
Specifications (3)	6,000	3,000	2,000	33
Development (4)	8,000	5,000	1,500	324

Question 10

If four products were extended during this year, on average how many more hours were spent on each extension in Technical Services compared to Specifications?

- 161
 163
 165
 167
 None of these

$$160 = 673/4 - 33/4$$

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Development (4)	8,000	5,000	1,500	324

Question 11

If available time resources in Engineering increase by 10% in the next year, how many new products will be launched?

- 600
 660
 6,000
 6,600
 Cannot say

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19

Departmental Time Usage - Hours per annum

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Specifications (3)	6,000	3,000	2,000	33
Development (4)	8,000	5,000	1,500	324

Question 12

On average how many more hours were worked per employee in Marketing than in Specifications?

 149

 159

 169

 179

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Departmental Time Usage - Hours per annum

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Question 11

If available time resources in Marketing increase by 10% in the next year, how many new products will be launched?

 200

 220

 2,000

 2,200

 Cannot say

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Philippines Econ, GDP, Population

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Philippine Economic Summary				
	1997	1998	1999	2000
Total GDP (\$1,000 million)	66.00	64.35	80.19	84.00
GDP per head of population (\$)	1,100	990	1,188	1,200
GDP growth per head (% change p.a.)	10.0%	-10.0%	20.0%	1.0%
Unemployment rate (% of workforce)	8.7%	10.0%	10.5%	15.0%

Question 16

In which year was the greatest number of people unemployed in the Philippines?

- 1997
- 1998
- 1999
- 2000
- Cannot say



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Unemployment rate (% of workforce)	8.7%	10.0%	10.5%	15.0%

31%???

$$(80.19 \times 1188) / (66 \times 1100) = 1.31$$

Question 17

What was the percent increase in population from 1997 to 1999?

- 12.5%
- 15.0%
- 17.5%
- 20.0%
- Cannot say

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Unemployment rate (% of workforce)	8.7%	10.0%	10.5%	15.0%

Question 18

What would the GDP per working person have been in 1997, given that the workforce was 55% of the population?

- \$500
- \$1,000
- \$2,000
- \$4,000
- Cannot say

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**Philippine Economic Summary**

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Unemployment rate (% of workforce)	8.7%	10.0%	10.5%	15.0%

Question 19

What was the GDP per Head of Population in 1996?

- \$1,000 ←
- \$1,010
- \$1,100
- \$1,110
- Cannot say

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Computer share Triple Table

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Computer Superstore

Revenue split by product line

Mars	Jupiter	Orion	Capricorn	Galaxy
56	52	44	30	18

Revenue split by region

North West	North East	Central	South East	South West
42	40	30	42	46

Revenue split by client

Home	Small Business	Mid-level Business	National	International
54	48	44	38	16

Notes:

- All revenue figures in \$ millions
- Customer base is 400,000
- The revenue is proportional to the number of customers

Numerical Reasoning test: Question 11 of 12

What is the expected ratio of revenues from the Mars series for home versus international customers (approximately)?

- 3:1
- 4:1
- 5:1
- 10:1
- 100:1



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Revenue split by product line

Mars	Jupiter	Orion	Capricorn	Galaxy
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North West	North East	Central	South East	South West
42	40	30	42	46

Revenue split by client

Home	Small Business	Mid-level Business	National	International
54	48	44	38	16

Notes:

- All revenue figures in \$ millions
- Customer base is 400,000
- The revenue is proportional to the number of customers

Numerical Reasoning test: Question 12 of 12

How many home customers would Computer Superstore expect have in the North?

- 44,280
 80,000
 84,000
 108,000
 164,000

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[Instructions](#)**Computer Superstore**

Revenue split by product line

Mars	Jupiter	Orion	Capricorn	Galaxy
56	52	44	30	18

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North West	North East	Central	South East	South West
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Home	Small Business	Mid-level Business	National	International
54	48	44	38	16

Notes:

- All revenue figures in \$ millions
- Customer base is 400,000
- The revenue is proportional to the number of customers

Numerical Reasoning test: Question 14 of 18

Approximately what percentage of the customer base can be expected to be national customers who purchase the Capricorn line and are based in the North East region?

 0.6%

 2.9%

 3%

 3.8%

 5.7%


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Xiang company figure table

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PEOPLE PERFORMANCE

Numerical Reasoning test: Question 1 of 18

What percentage of IKO Inc's Turnover is Profit?

Company Figures at the end of the current Financial Year					
	Hardlow plc	GRT plc	Xiang	IKO Inc	Aurore
Turnover (£m *)	11.4	160.7	2.3	7.3	60.0
Profit (£m *)	9.2	-33.9	-1.9	3.0	9.3
Assets (£m *)	42.3	640.1	25.2	27.1	130.1
Debt (£m *)	9.7	341.0	1.7	8.2	30.8
Share Price (pence)	108.0	172.1	6.0	11.3	48.7
No. of Shares (m*)	0.5	2.7	0.9	3.2	7.2

*m = millions

- 2.4%
 24.3%
 36.2%
 41.1%
 Cannot say

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Company Figures at the end of the current Financial Year

	Hardlow plc	GRT plc	Xiang	IKO Inc	Aurore
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Debt (£m*)	9.7	341.0	1.7	8.2	30.8
Share Price (pence)	108.0	172.1	6.0	11.3	48.7
No. of Shares (m*)	0.5	2.7	0.9	3.2	7.2

*m = millions

Numerical Reasoning test: **Question 4 of 12**

Which company has the greatest value of Assets per share?

 Hardlow plc GRT plc Xiang IKO Inc Aurore[Next](#)

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Company Figures at the end of the current Financial Year

	Hardlow plc	GRT plc	Xiang	IKO Inc	Aurore
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Debt (£m *)	9.7	341.0	1.7	8.2	30.8
Share Price (pence)	108.0	172.1	6.0	11.3	48.7
No. of Shares (m*)	0.5	2.7	0.9	3.2	7.2

*m = millions

Numerical Reasoning test: Question 2 of 18

If Xiang's Turnover is down 7% from the last financial year, what was the Turnover for that year?

- £1.56m
- £2.45m
- £2.47m
- £2.74m
- Cannot say

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Company Figures at the end of the current Financial Year

	Hardlow plc	GRT plc	Xiang	IKO Inc	Aurore
Turnover (£m *)	11.4	160.7	2.3	7.3	60.0
Profit (£m *)	9.2	-33.9	-1.9	3.0	9.3
Assets (£m *)	42.3	640.1	25.2	27.1	130.1
Debt (£m *)	9.7	341.0	1.7	8.2	30.8
Share Price (pence)	108.0	172.1	6.0	11.3	48.7
No. of Shares (m*)	0.5	2.7	0.9	3.2	7.2

*m = millions

Numerical Reasoning test: Question 6 of 18

If IKO Inc's Turnover is down 7% from the last financial year, what was the Turnover for that year?

- £7.5m
 £7.85m
 £8.15m
 £8.35m
 Cannot say

Next



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Company Figures at the end of the current Financial Year					
	Hardlow plc	GRT plc	Xiang	IKO Inc	Aurore
Turnover (£m*)	11.4	160.7	2.3	7.3	60.0
Profit (£m*)	9.2	-33.9	-1.9	3.0	9.3
Assets (£m*)	42.3	640.1	25.2	27.1	130.1
Debt (£m*)	9.7	341.0	1.7	8.2	30.8
Share Price (pence)	108.0	172.1	6.0	11.3	48.7
No. of Shares (m*)	0.5	2.7	0.9	3.2	7.2

*m = millions

Numerical Reasoning test: Question 3 of 18

Which company has the lowest Turnover/Assets ratio?

- Hardlow plc
- GRT plc
- Xiang
- IKO Inc
- Aurore



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Company Figures at the end of the current Financial Year

	Hardlow plc	GRT plc	Xiang	IKO Inc	Aurore
Turnover (£m*)	11.4	160.7	2.3	7.3	60.0
Profit (£m*)	9.2	-33.9	-1.9	3.0	9.3
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Share Price (pence)	108.0	172.1	6.0	11.3	48.7
No. of Shares (m*)	0.5	2.7	0.9	3.2	7.2

*m = millions

Numerical Reasoning test: **Question 1 of 12**

Which company has the greatest Turnover per share?

- Hardlow plc
- GRT plc
- Xiang
- IKO Inc
- Aurore

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Company Figures at the end of the current financial year

	Hardlow plc	GRT plc	Xiang	IKO Inc	Aurore
Turnover (£m*)	11.4	160.7	2.3	7.3	60.0
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Share Price (pence)	108.0	172.1	6.0	11.3	48.7
No. of Shares (m*)	0.5	2.7	0.9	3.2	7.2

*m = millions

Question 4

If someone were to sell 3,500 shares in Hardlow plc, how many shares of Aurore could they buy with the proceeds from that sale?

- 7,761
- 15,782
- 35,000
- 77,618
- 2,075,500

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Company Figures at the end of the current financial year

	Hardlow plc	GRT plc	Xiang	IKO Inc	Aurore
Turnover (£m*)	11.4	160.7	2.3	7.3	60.0
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Share Price (pence)	108.0	172.1	6.0	11.3	48.7
No. of Shares (m*)	0.5	2.7	0.9	3.2	7.2

*m = millions

Question 11

If IKO Inc's Turnover is down 7% from the last financial year, what was the Turnover for that year?

- £7.5m
- £7.85m
- £8.15m
- £8.35m
- Cannot say

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Yearly income

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Numerical Reasoning test



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Yearly Income ('000s)

	Year 2	Year 1
Turnover	52,500	51,000
Cost of Sales	-35,310	-33,000
Overheads	-8,128	-7,815
Exceptional Costs	-38	-45
Other Income	600	180
Earnings before Income Tax	9,624	10,320

Numerical Reasoning test: Question 9 of 12

Other income is expected to drop by 70% in Year 3 and exceptional costs are predicted to double. If turnover changes as follows from Year 1 to Year 2, and cost of sales and overheads remain as predicted for Year 2, what will the percentage change be from Year 1 to Year 3 in earnings before income tax?

- A decline of 55%
- A decline of 17%
- A decline of 7.2%
- An increase of 3.8%
- An increase of 11.3%

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Yearly Income ('000s)

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Exceptional Costs	-38	-45
Other Income	600	180
Earnings before Income Tax	9,624	10,320

Numerical Reasoning test: Question 10 of 12

If the cost of sales continues at the same percentage as from Year 1 to Year 2, what will it be in Year 3 to the nearest million?

- 37
- 38
- 39
- 40
- 41



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Sales of Cars Barcharts

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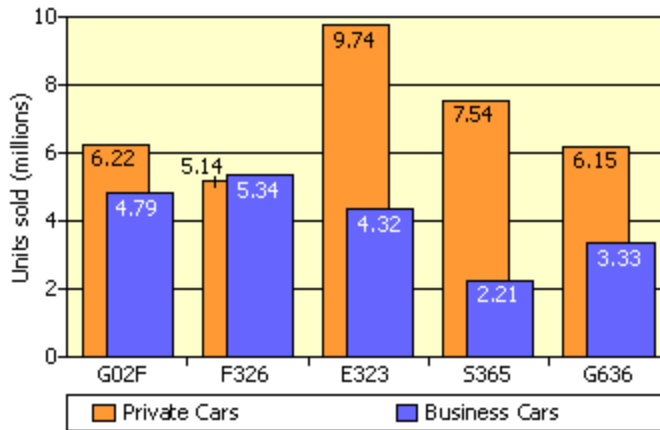
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Sales Figures for the Top 5 Popular Cars



Model code	G02F	F326	E323	S365	G636
Production cost	£16,000	£14,390	£11,654	£17,265	£11,314
Retail price	£22,000	£20,968	£16,745	£24,547	£15,265
Engine size (litres)	1.8	2.0	1.6	2.3	1.8
Miles per UK Gallon	32	27	38	37	35
Fuel cost (per UK gallon)	£4.75	£4.75	£5.05	£5.05	£4.75

Numerical Reasoning test: Question 7

A customer drives 10,000 miles a year on average. Considering the retail price and fuel economy only, how many years would a customer have to drive the model G02F for it to be more economical than the F326?

- 1 Year
- 2 Years
- 3 Years
- 4 Years
- 5 Years



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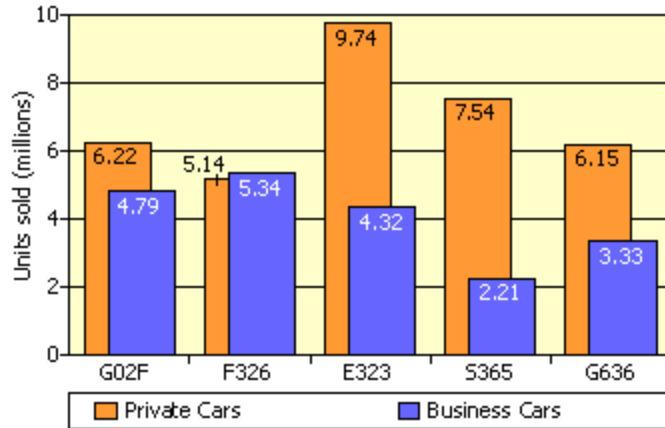


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Sales Figures for the Top 5 Popular Cars



Model code	G02F	F326	E323	S365	G636
Production cost	£16,000	£14,390	£11,654	£17,265	£11,314
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Miles per UK Gallon	32	27	38	37	35
Fuel cost (per UK gallon)	£4.75	£4.75	£5.05	£5.05	£4.75

Numerical Reasoning test: Question 11 of 18

Considering the number of vehicles bought as business cars, how much profit did the model that benefited the most by targeting the market make?

- £20,513 million
- £35,126 million
- £50,684 million
- £65,236 million
- £80,457 million



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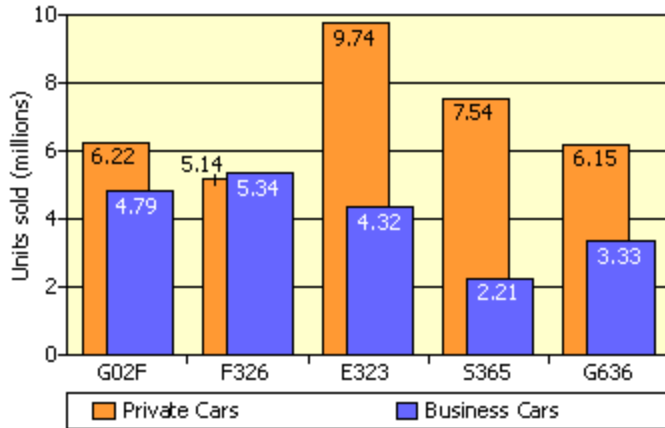


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Sales Figures for the Top 5 Popular Cars



Model code	G02F	F326	E323	S365	G636
Production cost	£16,000	£14,390	£11,654	£17,265	£11,314
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Miles per UK Gallon	32	27	38	37	35
Fuel cost (per UK gallon)	£4.75	£4.75	£5.05	£5.05	£4.75

Numerical Reasoning test: Question 12 of 18

If a gallon is 4.55 litres, how many litres would the most fuel-economic model use for a journey of 200 miles?

- 24 litres
- 25 litres
- 26 litres
- 27 litres
- 28 litres

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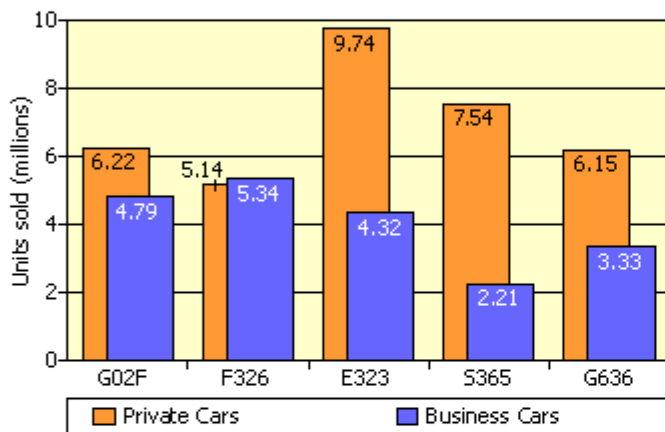
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Sales Figures for the Top 5 Popular Cars



Model code	G02F	F326	E323	S365	G636
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Fuel cost (per UK gallon)	£4.75	£4.75	£5.05	£5.05	£4.75

Numerical Reasoning test: Question 9 of

If the engine size refers to the litres of fuel it holds a time, approximately how many times does the engine fuel-economic model need to be refilled to cover a journey of 1000 miles? 1 Gallon = 4.55 litres.

- 11
- 14
- 16
- 20
- 23



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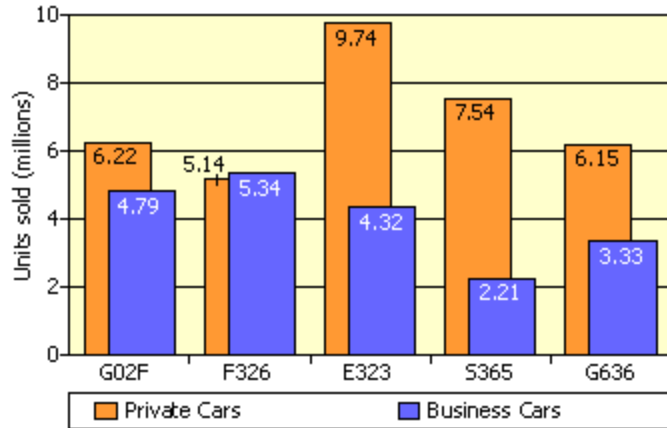


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Sales Figures for the Top 5 Popular Cars



Model code	G02F	F326	E323	S365	G636
Production cost	£16,000	£14,390	£11,654	£17,265	£11,314
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Miles per UK Gallon	32	27	38	37	35
Fuel cost (per UK gallon)	£4.75	£4.75	£5.05	£5.05	£4.75

Numerical Reasoning test: Question 10 of 18

If a journey of 200 miles was to be made, which model would prove the most cost effective in terms of fuel economy?

- G02F
- F326
- E323
- S365
- G636



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CompOil BarChart

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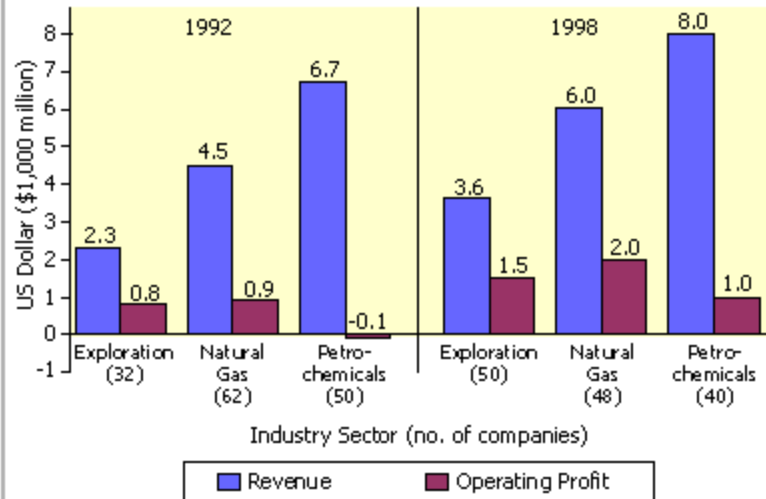


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[Instructions](#)

Compoil Subsidiaries



Numerical Reasoning test: Question 16 of 18

Approximately how much Revenue did Compoil generate per company on average in 1992?

- \$93,000,000
- \$93,250,000
- \$93,500,000
- \$93,750,000
- \$94,000,000



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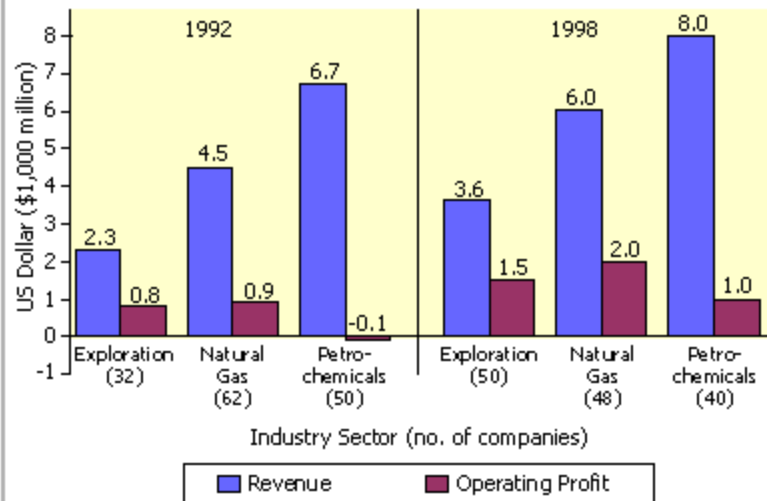


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[Instructions](#)

Compaq Subsidiaries



Numerical Reasoning test: Question 11 of 12

The total growth in Revenue for the Petrochemical sector between 1992 and 1998 is equivalent to what constant annual rate of growth?

- 3.0%
- 3.3%
- 3.6%
- 3.9%
- Cannot say



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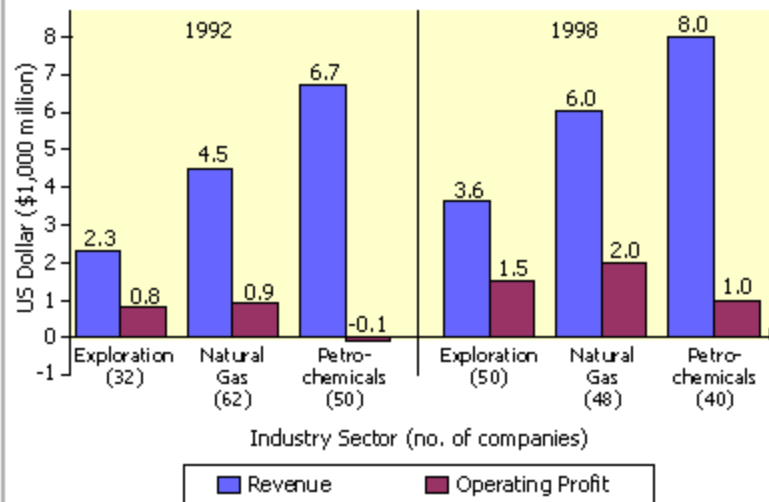


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Compoil Subsidiaries



Numerical Reasoning test: Question 12 of 12

How many more US Dollars Operating Profit did Compoil generate per Exploration company in 1998 than in 1992?

- \$625,000
- \$1,250,000
- \$2,500,000
- \$5,000,000
- None of these

Finish

Grenco Oil, Profits v Revenues

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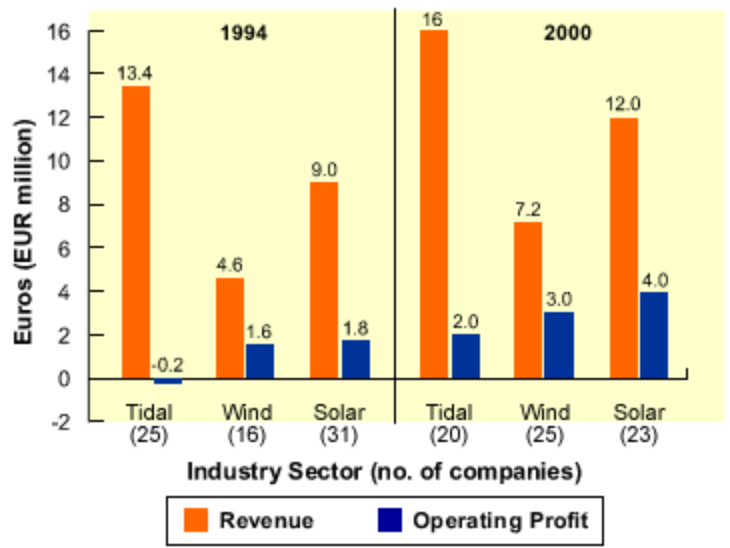
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18

Greenco Subsidiaries



Question 13

How many more Euros Operating Profit did Greenco generate per Tidal company in 2000 than in 1994?

- EUR 54,000
- EUR 108,000
- EUR 216,000
- EUR 432,000
- None of these



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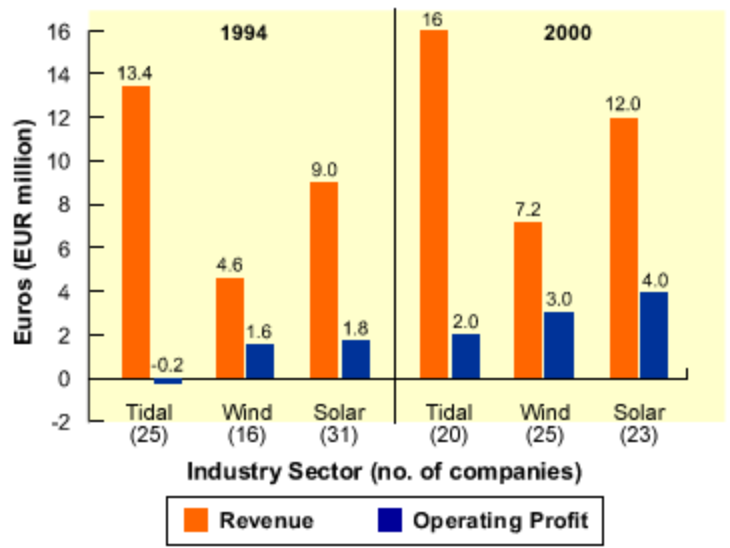
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Greenco Subsidiaries



Question 14

Approximately how much Revenue did Greenco generate per company on average in 1994?

- EUR 350,000
- EUR 375,000
- EUR 400,000
- EUR 425,000
- EUR 450,000



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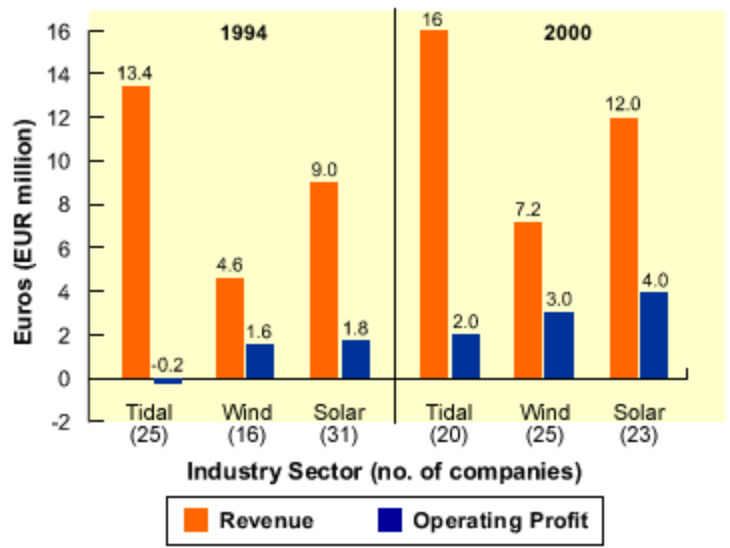
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Greenco Subsidiaries



Question 15

The total growth in Revenue for the Tidal sector between 1994 and 2000 is equivalent to what constant annual rate of growth?

- 3.0%
- 3.3%
- 3.6%
- 3.9%
- Cannot say



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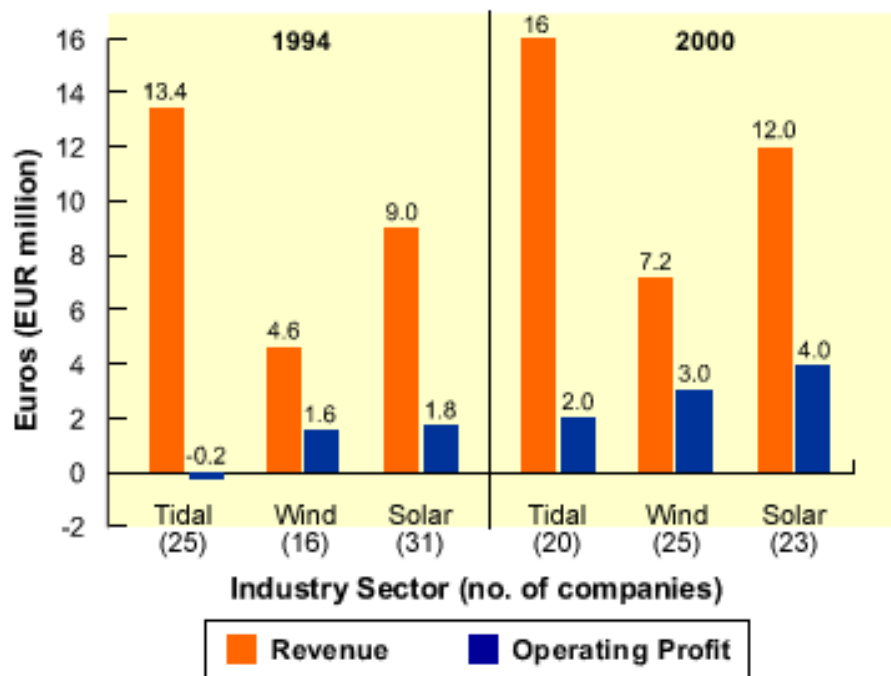
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Greenco Subsidiaries



Question 1

If revenue for the Wind sector as a whole decreased by 15% between 1994 and 2000, by what percentage has Greenco's share of the Wind market grown?

- 10%
- 15%
- 25%
- 50%
- Cannot say

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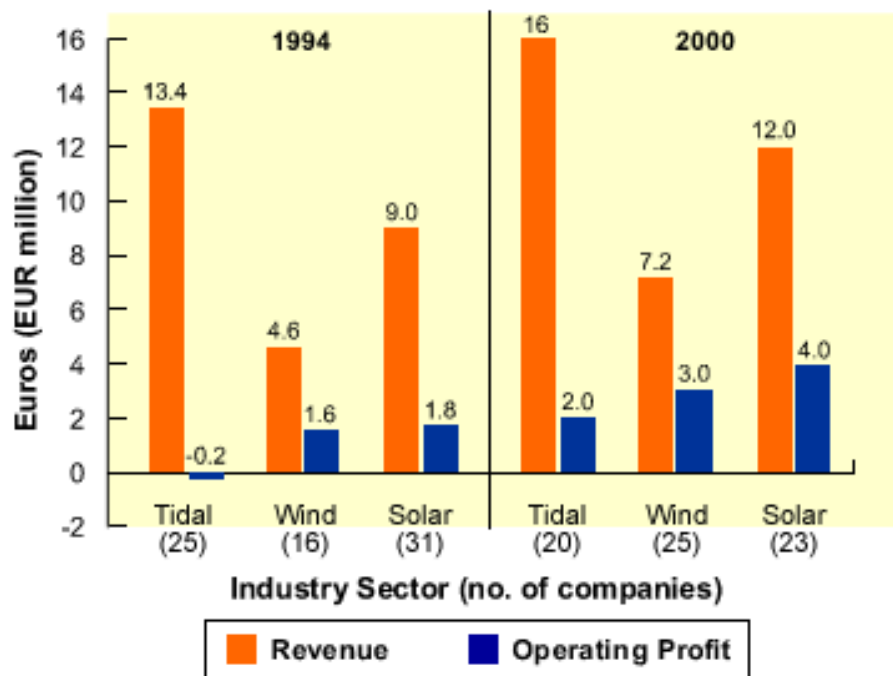
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Greenco Subsidiaries



Question 2

What proportion of total Greenco Operating Profit for 2000 was generated by the Solar sector?

1/3

4/9

5/9

2/9

7/9

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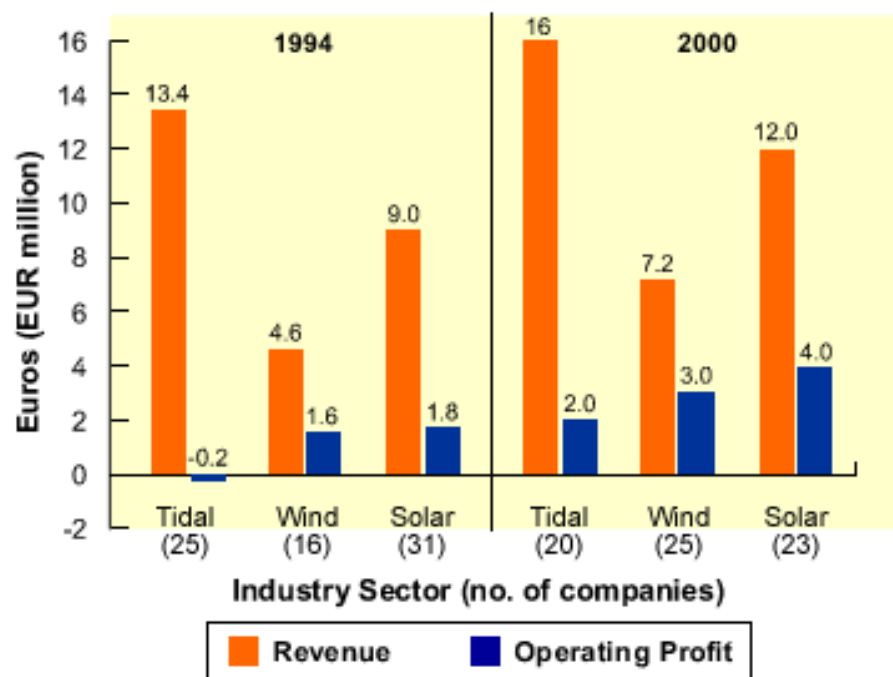
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Greenco Subsidiaries



Question 3

Which Industry Sector in which year generated the greatest Operating Profit per company?

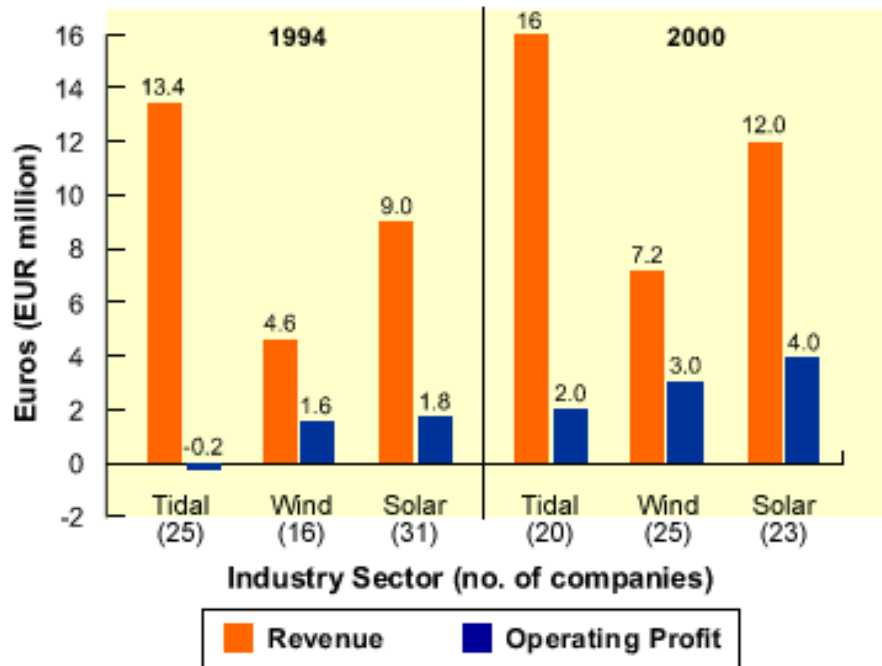
- Tidal in 1994
- Wind in 1994
- Solar in 1994
- Tidal in 2000
- Wind in 2000
- Solar in 2000

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Greenco Subsidiaries



Question 4

Profit ratio is Operating Profit as a percentage of Revenue. What was the difference in profit ratio in the Wind sector between 2000 and 1994?

- 5.0%
- 8.0%
- 10.0%
- 15.0%
- None of these

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UK Census Report

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Numerical Reasoning test

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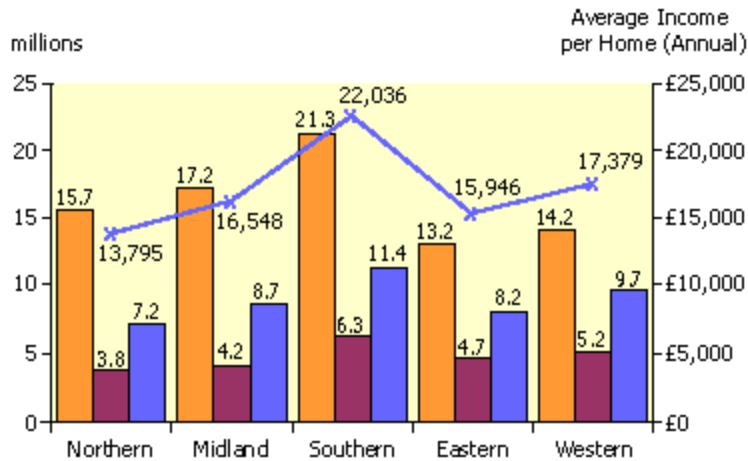


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[Instructions](#)

UK Census Report



Population (millions) State Owned Houses (millions)
 Private Houses (millions) Average Annual Income per House

Numerical Reasoning test: Question 12 of 12

Which region has the greatest concentration of individuals per house (state owned and private)?

- Northern
- Midland
- Southern
- Eastern
- Western



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Numerical Reasoning test

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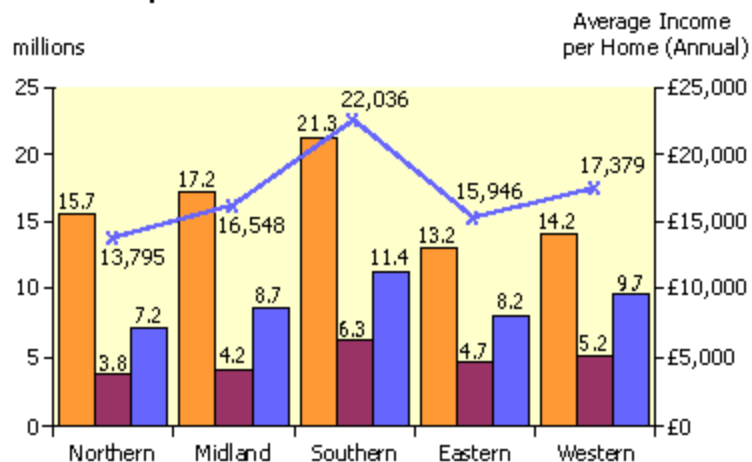


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[Instructions](#)

UK Census Report



Population (millions) State Owned Houses (millions)
 Private Houses (millions) Average Annual Income per House

Numerical Reasoning test: Question 11 of 12

Considering the total annual income of the different regions, approximately what is the income difference in millions, between the region with the lowest total annual income and the region with the largest total annual income?



- £131,000
- £151,000
- £241,000
- £259,000
- £390,000



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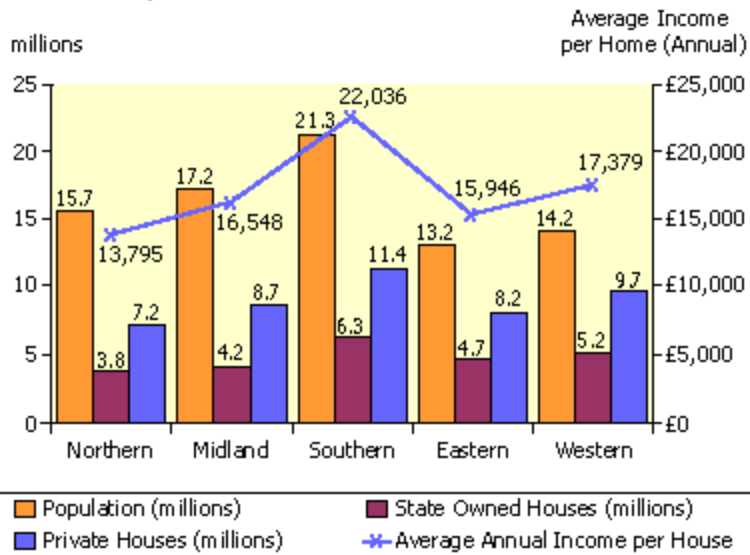
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UK Census Report



Numerical Reasoning test: Question 16 of 18

Which region has the greatest ratio of state owned houses to those that are privately owned?

- Northern
- Midland
- Southern
- Eastern
- Western



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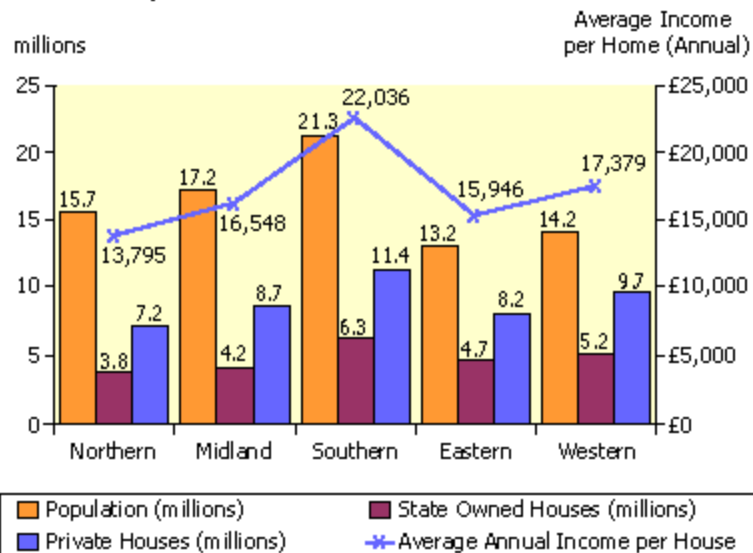


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[Instructions](#)

UK Census Report



Numerical Reasoning test: Question 13 of 18

On average a house in the Northern region costs £160,000, with the price increasing by 10% in each region, i.e. Midland, Southern Eastern and Western, respectively. Which region has the most capital, in terms of value of their houses?

- Northern
- Midland
- Southern
- Eastern
- Western



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Air Travel Barcharts

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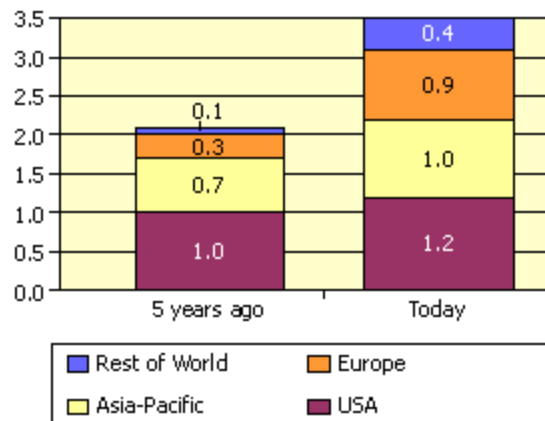


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[Instructions](#)

Annual Air Traffic
(in 1,000s of millions of passengers)



Numerical Reasoning test: Question 7 of 18

Over the last 5 years by how many passengers did the increase in European traffic exceed the increase in USA passengers?

- 400,000,000
- 600,000,000
- 4,000,000,000
- 6,000,000,000
- Cannot say



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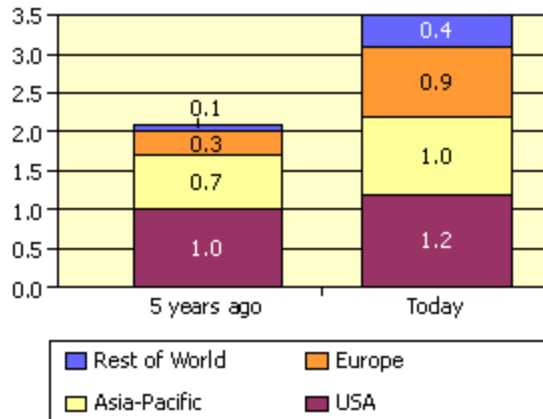


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[Instructions](#)

Annual Air Traffic
(in 1,000s of millions of passengers)



Numerical Reasoning test: Question 8 of 18

What is the percentage increase in global passenger air traffic over the last 5 years?

- 57%
- 67%
- 77%
- 87%
- None of these

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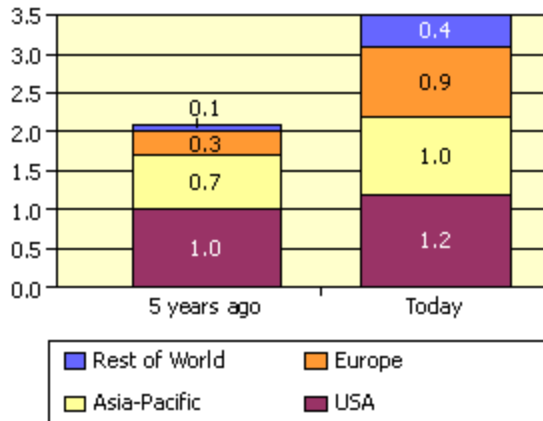


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[Instructions](#)

Annual Air Traffic
(in 1,000s of millions of passengers)



Numerical Reasoning test: Question 9 of 18

If the increase in global passenger air traffic continues at the current rate, approximately how many annual air passengers (millions) will there be in 5 years time?

- 583m
- 539m
- 5,830m
- 53,900m
- None of these



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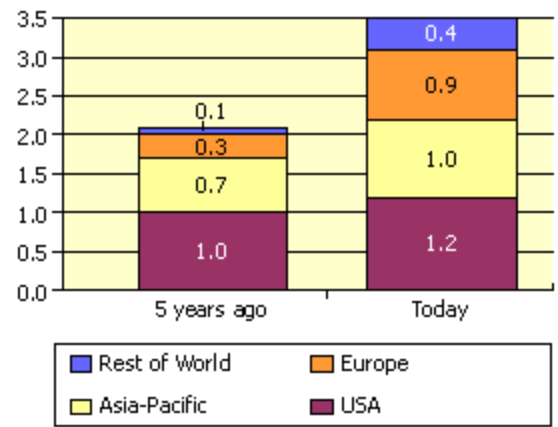


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[Instructions](#)

Annual Air Traffic
(in 1,000s of millions of passengers)



Numerical Reasoning test: Question 9 of 18

The average distance flown per passenger within Europe 5 years ago was 1,000km. Today this figure has decreased by 20%. By how many percent has the total distance travelled by flights departing in Europe changed today?

- 60% decrease
- 30% decrease
- No change
- 140% increase
- 280% increase



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Drugs Bar Chart

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Numerical Reasoning test



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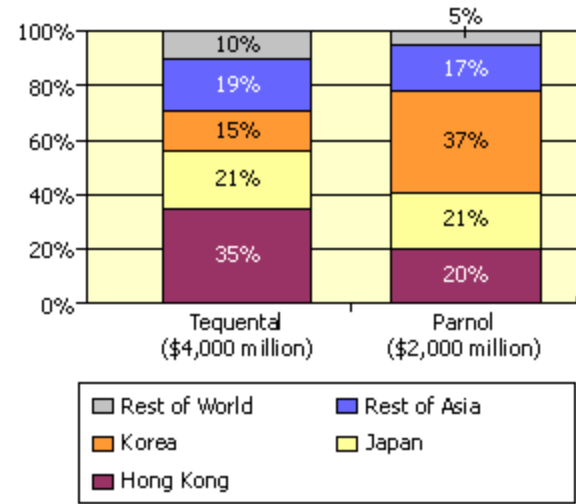


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[Instructions](#)

Regional Drug Sales: Tequental & Parnol



Numerical Reasoning test: Question 3 of 12

In which region do Parnol sales exceed (in \$) Tequental sales?

- Rest of World
- Rest of Asia
- Korea
- Japan
- Hong Kong

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Numerical Reasoning test



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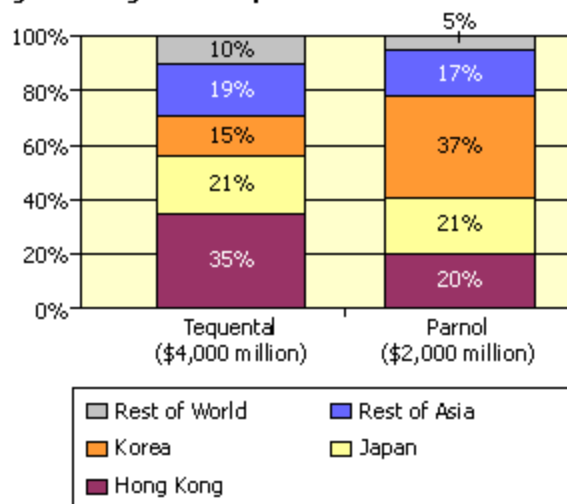


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[Instructions](#)

Regional Drug Sales: Tequential & Parnol



Numerical Reasoning test: Question 4 of 12

By how many dollars do Tequential sales exceed Parnol sales in the whole of Asia?

- \$1,500m
- \$1,600m
- \$1,700m
- \$1,800m
- Cannot say

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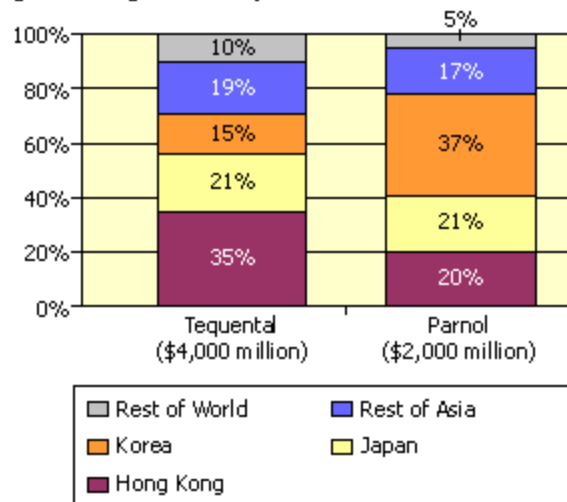


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[Instructions](#)

Regional Drug Sales: Tequental & Pamol



Numerical Reasoning test: Question 2 of 18

The amount of Tequental sales in the Rest of the World is forecast to rise at 20% per year, while the amount of Tequental sales in Korea is expected to remain constant. How long will it take for Tequental sales in the Rest of the World to exceed those in Korea?

- 1 year
- 2 years
- 3 years
- 4 years
- 5 years



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Mobile Phone Networks

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Numerical Screening O... X

Page Safety



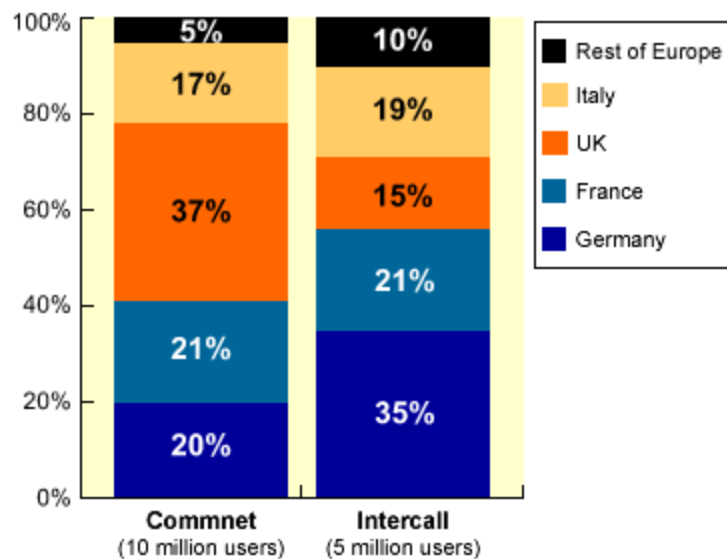
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Minutes Remaining

21

Mobile Phone Networks: Commnet & Intercall



Question 1

The number of Commnet users in Italy is forecast to rise at 10% per year, while the number of Commnet users in Germany is expected to remain constant. How long will it take for the number of Commnet users in Italy to exceed those in Germany?

- 1 year
 2 years
 3 years
 4 years
 5 years

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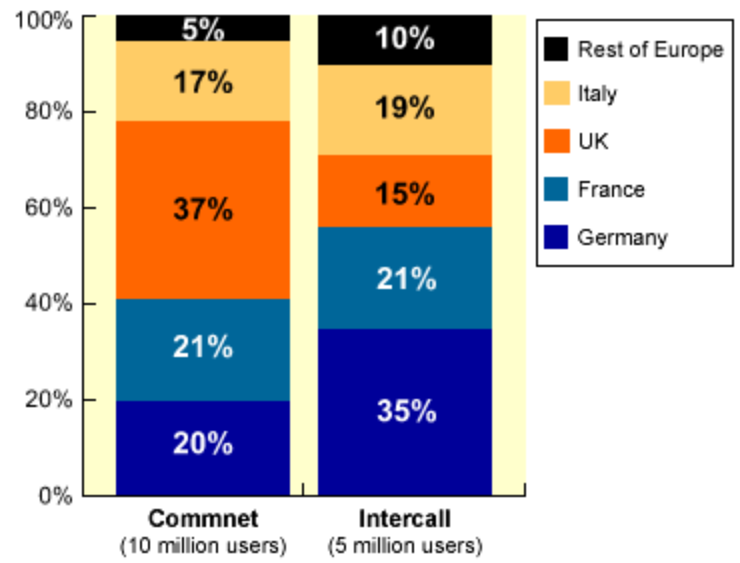
Test Progress



Minutes Remaining

21

Mobile Phone Networks: Commnet & Intercall



Question 2

By how many users does Commnet exceed Intercall in Germany and France combined?

- 1.0m
- 1.1m
- 1.2m
- 1.3m
- Cannot say

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Numerical Screening O... X

Page Safety



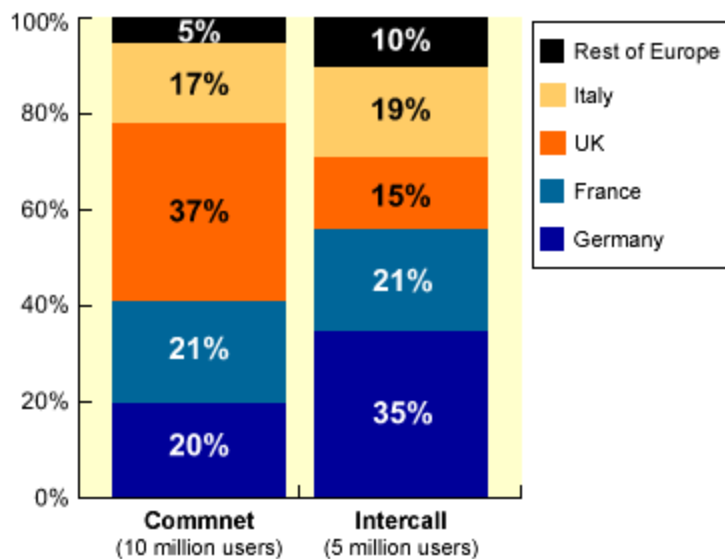
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Minutes Remaining

20

Mobile Phone Networks: Commnet & Intercall



Question 3

If Commnet has 1.5 times the number of business customers as Intercall, how many non-business customers does Intercall have in Europe?

- 0.75m
 1.5m
 2.5m
 3.0m
 Cannot say

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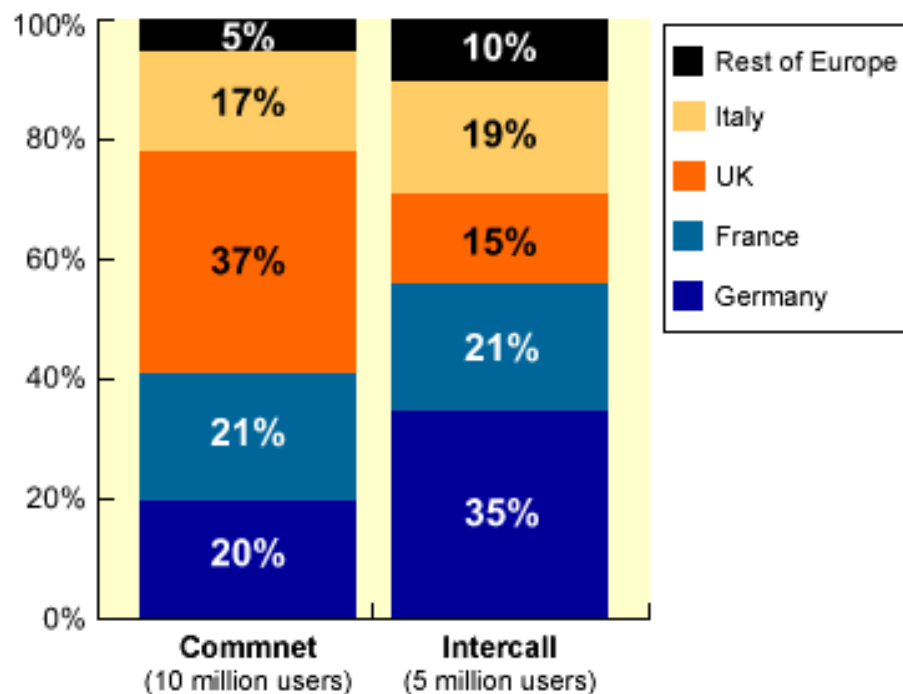
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Mobile Phone Networks: Commnet & Intercall



Question 2

In which region does Commnet not have more users than Intercall?

- Rest of Europe
- Italy
- UK
- France
- Germany

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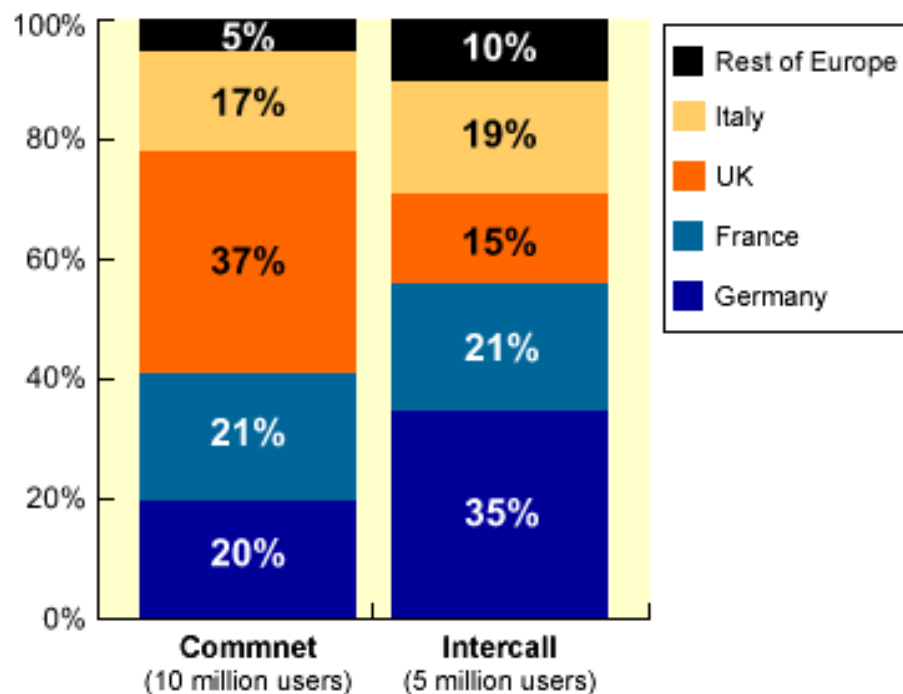
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Test Progress

**shl**
PEOPLE PERFORMANCE

Mobile Phone Networks: Commnet & Intercall



Question 16

On average an Intercall user makes twice as many calls (in minutes) as a Commnet user. What is the Intercall:Commnet ratio in terms of network traffic?

 1:3 1:2 2:1 3:1 None of these

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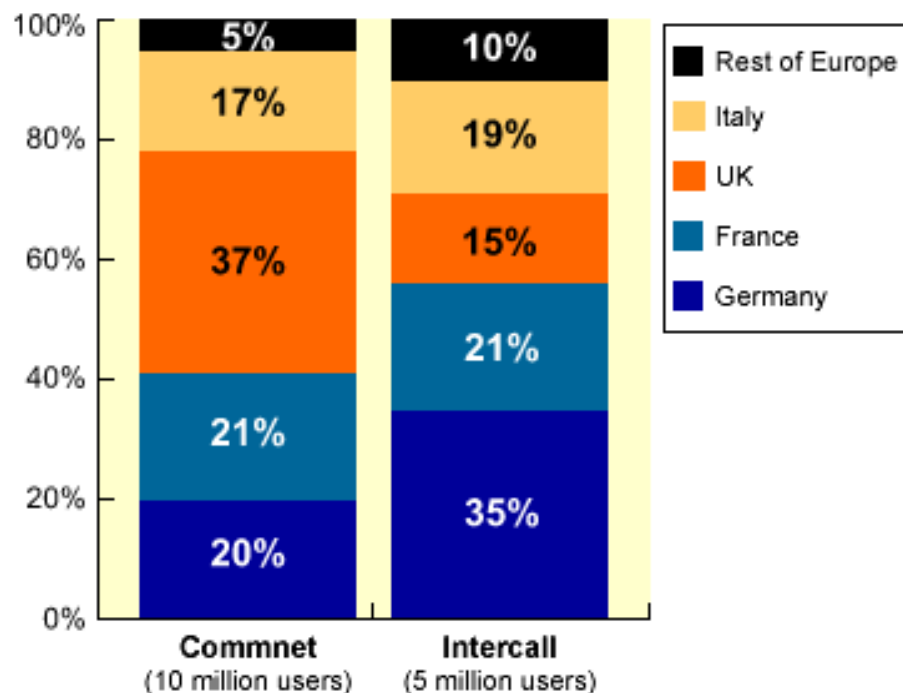
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Test Progress


shl
PEOPLE PERFORMANCE

Mobile Phone Networks: Commnet & Intercall



Question 17

Approximately what percentage of all Commnet and Intercall mobile phone users are accounted for by Italy?

- 12%
- 14%
- 16%
- 18%
- None of these

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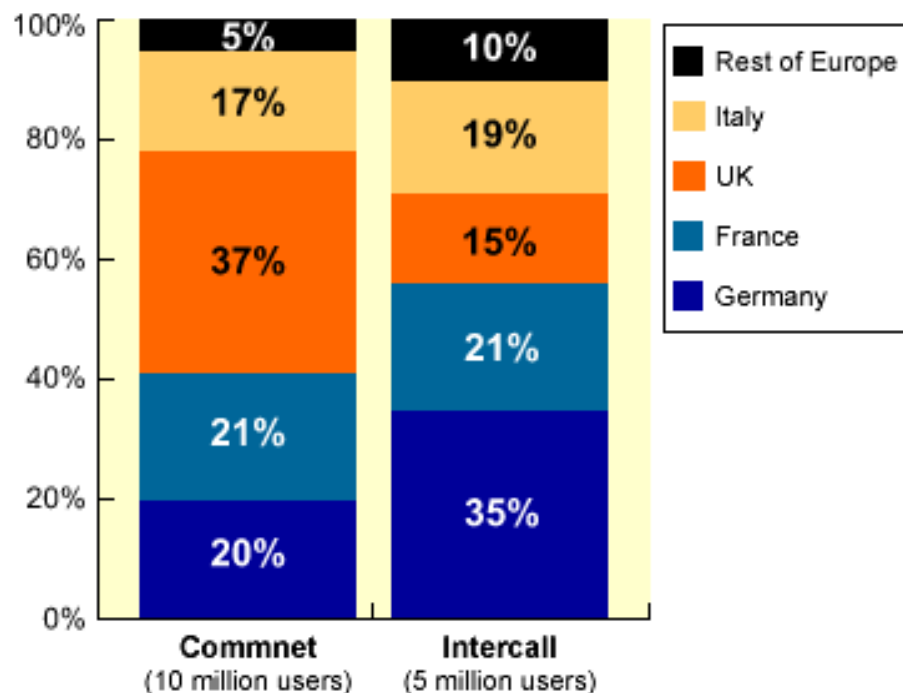
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Test Progress

**shl**
PEOPLE PERFORMANCE

Mobile Phone Networks: Commnet & Intercall



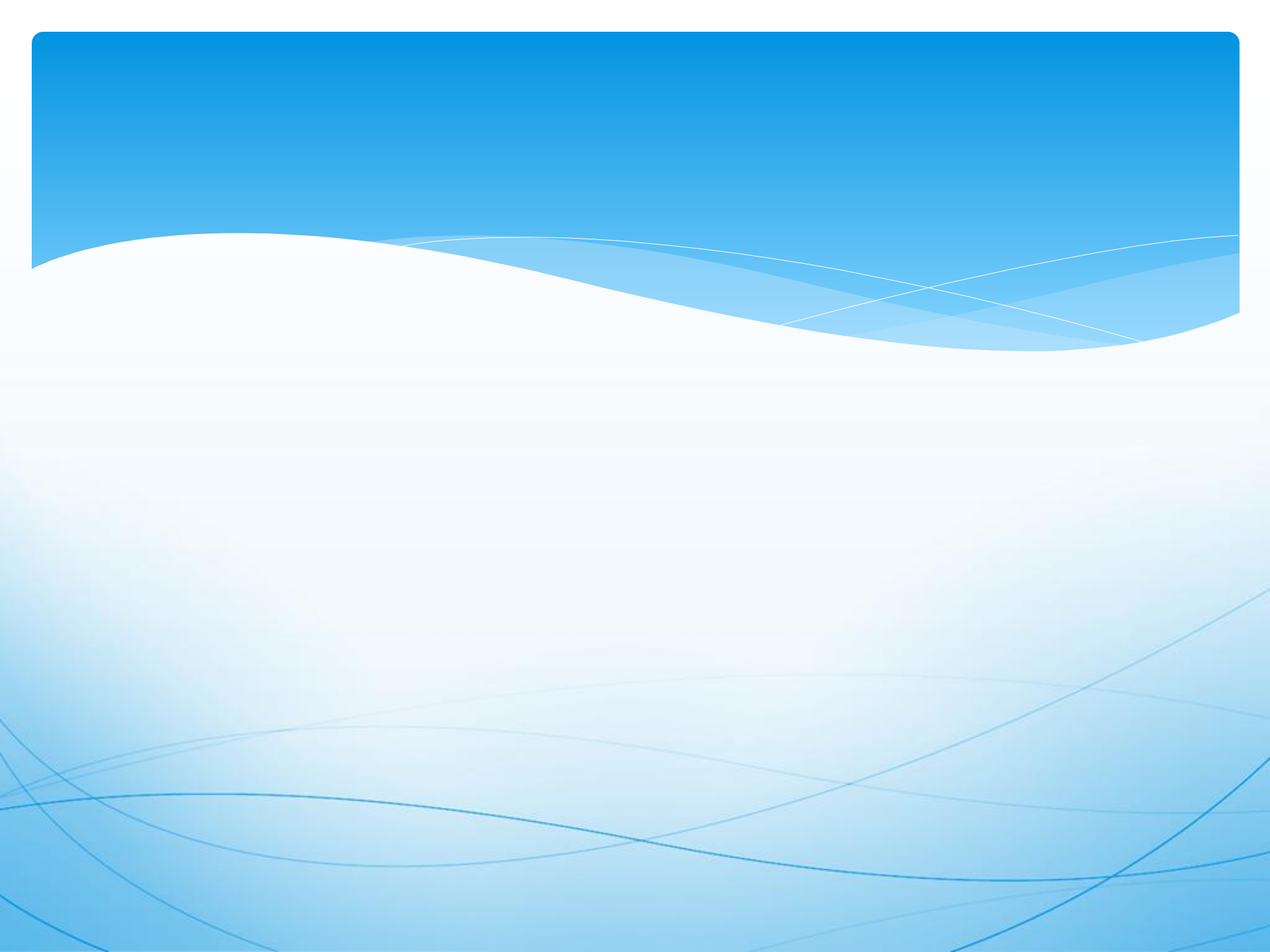
Question 18

Approximately what percentage of all Commnet and Intercall mobile phone users are Commnet users in Germany?

 10% 11% 12% 13% None of these

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BARNSBURG Table –

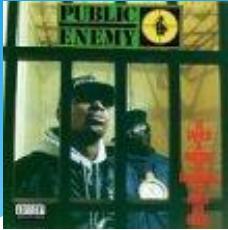
Most commission?? - Xiao

Total commission - £874

Product with the greatest profit – Product C

delete

Most Influential Albums



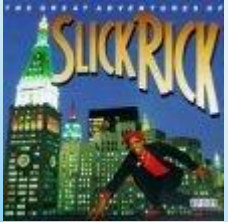
It Takes a Nation of Millions to Hold Us Back
by Public Enemy



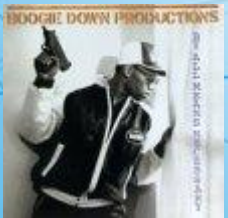
Paid in Full
by Eric B. & Rakim



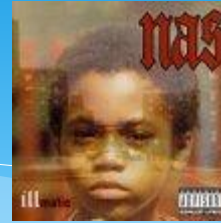
Straight Outta Compton
by N.W.A.



Great Adventures of Slick Rick
by Slick Rick



By All Means Necessary
by Boogie Down Productions



Illmatic
by Nas



The Chronic
by Dr. Dre



Enter the Wu-Tang (36 Chambers)
by Wu-Tang Clan



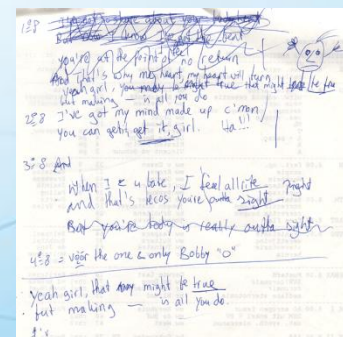
AmeriKKKa's Most Wanted
by Ice Cube



No One Can Do It Better
By The D.O.C

Core Foundations of Real Rap

- * Combination of uniquely blended **vocal lyricism**
- * Elaborate metaphors with complex internal rhymes
- * Diversity in **intellectually stimulating** music vibes (instrumentalism), whereby the hybrid fusion of other music genre, such as soul, classical and jazz is evident
- * **Intensely** rhythmic lyrical form making abundant use of techniques like assonance, alliteration, and rhyme



Greatest MC's of All Time

1) **Pharoahe Monch** of Organized Konfusion

2) **Rakim** with Eric B.



3) **Guru** of Gang Starr



4) **Chuck D** of Public Enemy

5) **KRS One** of Boogie Down Productions

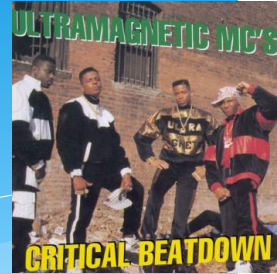
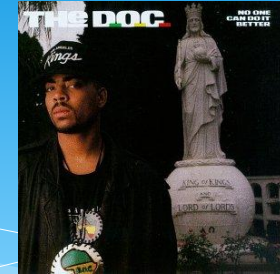
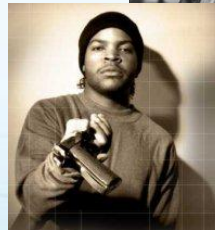
6) **Mf Doom** as Viktor Vaughn

7) **Kool G Rap** with Dj Polo

8) **Ice Cube** of N.W.A and with The D.O.C

9) **Q-Tip** with Phife Dawg from A Tribe Called Quest

10) **Nas** with Dj Premier



11) **Common** formally known as "sense"

12) **Posdnous** from De La Soul

13) **Kool Keith** as Dr Octagon from Ultramagnetic Mc's

14) **Big Daddy Kane**

15) **Gza "Genius"** from Wu Tang Klan with Ghostface

16) **Brand Nubian** with the Native Tongues

17) **Jeru The Damaja** with Primo

18) **EPMD**

19) **Pete Rock** with CL Smooth

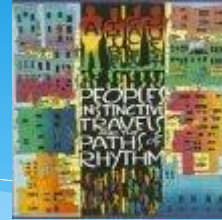
20) **Big L** in D.I.T.C

Greatest Albums of All Time

Jazz Rap



The Low End Theory
by A Tribe Called Quest



People's Instinctive Travels
and the Paths of Rhythm
by A Tribe Called Quest



Mecca and the Soul Brother
by Pete Rock & C.L. Smooth



3 Feet High and Rising
by De La Soul



Daily Operation
by Gang Starr



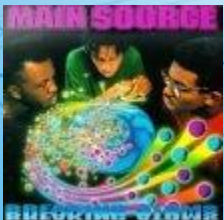
Resurrection
by Common



Step in the Arena
by Gang Starr



Operation: Doomsday
by MF Doom



Breaking Atoms
by Main Source



Jazzmatazz
by Guru