



New Maths GCSE: R9 - Percentage Increase and Decrease

Name:.....

Date:.....

The cost of a train ticket from Manchester to London in 2013 was £25

In 2014 it increased by 10%

What is the new cost of the train ticket?

A £2.50	B £35.00	C £250	D £27.50
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Correct Answer: A B C D

Explanation:

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The cost of a train ticket from Glasgow to Edinburgh in 2013 was £50

In 2014 it increased by 15%

What is the new cost of the train ticket?

A £65.00	B £7.50	C £57.50	D £52.50
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Correct Answer: A B C D

Explanation:

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The cost of a flight from Manchester to New York was £400 in 2013

In 2014 it is £500

What percentage has the coach ticket increased by?

A 50%	B 20%	C 25%	D 10%
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Correct Answer: A B C D

Explanation:

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To increase something by 12%
you...

A) $\times 1.2$

B) $\times 12$

C) $\times 0.12$

D) $\times 1.12$

Correct Answer: A B C D

Explanation:

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To decrease something by 24%
you...

A) $\div 24$

B) $\times 0.24$

C) $\times 0.76$

D) $\div 1.24$

Correct Answer: A B C D

Explanation:

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To decrease something by 8%
you...

A) $\times 0.92$

B) $\times 0.08$

C) $\div 1.08$

D) $\div 8$

Correct Answer: A B C D

Explanation:

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To increase something by 100%
you...

A) $\times 100$

B) $\times 2$

C) $\times 1.100$

D) $\times 10$

Correct Answer: A B C D

Explanation:

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Q. Increase £120 by 35%

A – £42

B – £162

C – £78

D – £155

Correct Answer: A B C D

Explanation:

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A store charges 6% VAT or GCT on all sales.
What is the total cost of a shirt marked at \$30?

(A) \$28.20

(B) \$31.80

(C) \$33.84

(D) \$36.00

Correct Answer: A B C D

Explanation:

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A vacuum cleaner costs £85
Fred gets 10% off the price of the vacuum cleaner.

Work out how much he has to pay.

$10\% = £8.50$

£ (3)

What should go in the shaded box?

A) £93.50 B) £77.50

C) £90 D) £76.50

Correct Answer: A B C D

Explanation:

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