



# New Maths GCSE: R9 - Reverse Percentages (original amount)

Name:.....

Date:.....

After a 10% discount, an article is sold for \$360.  
The price before the discount was


(A) \$ 36  
(B) \$324  
(C) \$392  
(D) \$400

Correct Answer: A B C D

Explanation:

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A car is advertised for £1000 in a 30% off sale.  
What was the original price?



a) £1300      b) 700  
c) £1428.57      d) £1700

Correct Answer: A B C D

Explanation:

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In a 10% sale, a jumper costs £36.  
How much does it normally cost?

a) £40      b) £39.60  
c) £32.40      d) £360

Correct Answer: A B C D

Explanation:

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Follow up Questions for Edexcel GCSE – June 2014 – Higher – Paper 2 (Calc) – Question 18b

Becca travels to work by train.  
The cost of her train ticket increases by 11% to £166.50  
Becca's weekly pay increases by 4% to £665.60

Step 1

What was the original price of Becca's train ticket?

**A** £148.19      **B** £150

**C** £155.50      **D** £183.15

Correct Answer: A B C D

Explanation:

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Follow up Questions for Edexcel GCSE – June 2014 – Higher – Paper 2 (Calc) – Question 18b

Becca travels to work by train.  
The cost of her train ticket increases by 11% to £166.50  
Becca's weekly pay increases by 4% to £665.60

Step 2

How much has Becca's weekly pay increased by?

**A** £4                      **B** £650

**C** £26.62                **D** £25.60

Correct Answer: A B C D

Explanation:

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Follow up Questions for Edexcel GCSE – June 2014 – Higher – Paper 2 (Calc) – Question 18b

Becca travels to work by train.  
The cost of her train ticket increases by 11% to £166.50  
Becca's weekly pay increases by 4% to £665.60

Is Becca better off or worse off? Step 3

**A** Worse off by £9.10 each week

**B** Better off by £9.10 each week

**C** Better off by £8.31 each week

**D** Worse off by £8.31 each week

Correct Answer: A B C D

Explanation:

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Jess got 60 questions correct in a test and scored a mark of 80%.  
How many questions were in the test?

A) 48                      B) 72

C) 75                      D) 108

Correct Answer: A B C D

Explanation:

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To find out what something was **before** a 25% decrease you...

A)  $\times 0.75$       B)  $+ 0.25$

C)  $\times 1.25$       D)  $\div 0.75$

Correct Answer: A B C D

Explanation:

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To find out what something was **before** a 24% increase you...

A)  $\times 1.24$       B)  $\div 1.24$

C)  $\times 0.76$       D)  $- 0.24$

Correct Answer: A B C D

Explanation:

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To find out what something was **before** a 3% decrease you...

A)  $\div 0.97$       B)  $\times 1.03$

C)  $\times 0.97$       D)  $+ 0.03$

Correct Answer: A B C D

Explanation:

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