

New Maths GCSE: N11 & R9 - Fraction and Percentage Operators

Name:	Date:
Which of the following would give the same answer to: $300\times1.2 \label{eq:300}$	Correct Answer: A B C D Explanation:
$300 \times \frac{1}{5}$ $300 \times \frac{1}{12}$	
Which of the following would give the same answer to: $300 \times \frac{3}{4}$ A $300 \div 4.3$ B 300×0.75	Correct Answer: A B C D Explanation:
□ 300 × 0.75 □ 300 × 0.75	
Which of the following calculations would find 45% of 220?	Correct Answer: A B C D Explanation:
▲ 220 × 45	
■ 220 ÷ 45	
■ 220 × 0.45	
□ 220 × 1.45	

Which of the following calculations would find 22% of 700?

$$700 \times \frac{22}{100}$$
 B $700 \div 22$

$$700 \div \frac{22}{100}$$
 $700 \times \frac{1}{22}$

Explanation:	

Correct Answer: A B C D

Which of the following calculations would increase 600 by 28%

$$600 \times 0.28$$

$$600 + 28$$

$$600 \times 2.8$$

Correct Answer: A B C D

Explanation:

Which of the following calculations would increase 50 by 17%

$$50 \times \frac{1}{17}$$
 $50 \times \frac{17}{100}$

$$50 \times \frac{117}{100}$$
 $50 \times \frac{18}{17}$

Correct Answer: A B C D

Explanation:

Which of the following calculations would decrease 400 by 13%

$$^{\text{A}}$$
 400 \times 0.13

$$400 \times 0.87$$

Correct Answer: A B C D	
Explanation:	

Which of the following calculations would decrease 24 by 35%

Α	24	×	$\frac{65}{100}$	В	24 ×	$\frac{35}{100}$
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$$24 - \frac{35}{100}$$
 $24 \div \frac{35}{100}$

Correct Answer: A B C D	
Explanation:	