



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

Name:.....

Date:.....

Which of the following would give the same answer to:

$$300 \times 1.2$$

**A**  $300 \times \frac{1}{2}$     **B**  $300 \times \frac{6}{5}$

**C**  $300 \times \frac{1}{5}$     **D**  $300 \times \frac{1}{12}$

Correct Answer: A B C D

Explanation:

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Which of the following would give the same answer to:

$$300 \times \frac{3}{4}$$

**A**  $300 \div 4.3$     **B**  $300 \times 0.75$

**C**  $300 \times 3.4$     **D**  $300 \div 0.75$

Correct Answer: A B C D

Explanation:

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Which of the following calculations would find 45% of 220?

**A**  $220 \times 45$

**B**  $220 \div 45$

**C**  $220 \times 0.45$

**D**  $220 \times 1.45$

Correct Answer: A B C D

Explanation:

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

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

**C**  $700 \div \frac{22}{100}$     **D**  $700 \times \frac{1}{22}$

Correct Answer: A B C D

Explanation:

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Which of the following calculations would increase 600 by 28%

**A**  $600 \times 0.28$

**B**  $600 + 28$

**C**  $600 \times 2.8$

**D**  $600 \times 1.28$

Correct Answer: A B C D

Explanation:

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Which of the following calculations would increase 50 by 17%

**A**  $50 \times \frac{1}{17}$     **B**  $50 \times \frac{17}{100}$

**C**  $50 \times \frac{117}{100}$     **D**  $50 \times \frac{18}{17}$

Correct Answer: A B C D

Explanation:

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Which of the following calculations would decrease 400 by 13%

**A**  $400 \times 0.13$

**B**  $400 \times 0.87$

**C**  $400 - 13$

**D**  $400 \div 0.13$

Correct Answer: A B C D

Explanation:

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Which of the following calculations would decrease 24 by 35%

**A**  $24 \times \frac{65}{100}$

**B**  $24 \times \frac{35}{100}$

**C**  $24 - \frac{35}{100}$

**D**  $24 \div \frac{35}{100}$

Correct Answer: A B C D

Explanation:

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