



# New Maths GCSE: N10 - Fractions and Decimals

Name:.....

Date:.....

Which of these decimal numbers is equal to ...

**1**  
**4**

**A** 0.14    **B** 0.4    **C** 0.25    **D** 0.5

Correct Answer: A B C D

Explanation:

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What is this as a fraction:

0.03

**A)**  $\frac{3}{100}$     **B)**  $\frac{3}{10}$

**C)**  $\frac{3}{1000}$     **D)**  $\frac{0.3}{10}$

Correct Answer: A B C D

Explanation:

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What is this as a fraction:

0.27

**A)**  $\frac{2}{7}$     **B)**  $\frac{27}{10}$

**C)**  $\frac{2.7}{10}$     **D)**  $\frac{27}{100}$

Correct Answer: A B C D

Explanation:

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What is this as a decimal:

$$\frac{1}{20}$$

A) 0.20      B) 0.5  
C) 0.02      D) 0.05

Correct Answer: A B C D

Explanation:

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What is this as a decimal:

$$\frac{3}{15}$$

A) 3.15      B) 0.2  
C) 0.315      D) 0.5

Correct Answer: A B C D

Explanation:

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Which of these decimal numbers is equal to ...

$$\frac{2}{5}$$

A) 0.4      B) 0.2      C) 0.25      D) 0.5

Correct Answer: A B C D

Explanation:

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Which of these decimal numbers is equal to ...

$$\frac{17}{50}$$

A) 0.175      B) 0.17      C) 0.34      D) 0.5

Correct Answer: A B C D

Explanation:

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The decimal equivalent of  $\frac{7}{8}$  is

(A) 0.125  
 (B) 0.7  
 (C) 0.78  
 (D) 0.875

Correct Answer: A B C D

Explanation:

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What is the number 0.357 when written as a fraction?

$3\frac{57}{100}$        $\frac{357}{10}$        $\frac{357}{100}$        $\frac{357}{1000}$

**A**              **B**              **C**              **D**

Correct Answer: A B C D

Explanation:

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Reciprocal

What is the reciprocal of 0.3?

**A:**  $3\frac{1}{3}$       **C:**  $\frac{1}{0.3}$

**B:**  $\frac{1}{3}$       **D:** 30

Correct Answer: A B C D

Explanation:

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