



# New GCSE Maths: N8 - All Fractions skills together

Name: .....

Date: .....

GCSE Fractions Question 1

$$\frac{18}{24}$$

What is the above fraction in its simplest form?

A $\frac{3}{4}$	B $\frac{6}{8}$
C $\frac{4.5}{6}$	D $\frac{9}{12}$

Correct Answer: A B C D

Explanation:

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GCSE Fractions Question 2

$$\frac{4}{7} = \frac{12}{?}$$

What number should replace the question mark?

A 3	B 21
C 15	D 14

Correct Answer: A B C D

Explanation:

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GCSE Fractions Question 3

$$3\frac{2}{5}$$

What is the above fraction as an improper (top-heavy) fraction?

A $\frac{32}{5}$	B $\frac{6}{5}$
C $\frac{6}{15}$	D $\frac{17}{5}$

Correct Answer: A B C D

Explanation:

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GCSE Fractions Question 4

$\frac{4}{5}$  of 20 =

(A) 4	(B) 16
(C) 15	(D) 8

Correct Answer: A B C D

Explanation:

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GCSE Fractions Question 5

Which of the following fractions is the smallest?

(A) $\frac{1}{3}$	(B) $\frac{1}{5}$
(C) $\frac{2}{15}$	(D) $\frac{7}{30}$

Correct Answer: A B C D

Explanation:

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GCSE Fractions Question 6

What is  $\frac{3}{5}$  as a decimal?

(A) 0.6	(B) 1.5
(C) 0.35	(D) 3.5

Correct Answer: A B C D

Explanation:

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GCSE Fractions Question 7

$\frac{1}{3} + \frac{4}{7}$

Which of the following is a correct next step in answering this question?

(A) $\frac{1}{21} + \frac{4}{21}$	(B) $\frac{1 \times 4}{3 \times 7}$
(C) $\frac{7}{21} + \frac{12}{21}$	(D) $\frac{1+4}{3+7}$

Correct Answer: A B C D

Explanation:

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GCSE Fractions Question 8

$$\frac{2}{5} \div \frac{3}{4}$$

What is the answer to the above question?

A $\frac{20}{6}$	B $\frac{15}{8}$
C $\frac{6}{20}$	D $\frac{8}{15}$

Correct Answer: A B C D

Explanation:

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GCSE Fractions Question 9

$$4 \times \frac{2}{3}$$

What does this equal?

A $\frac{8}{3}$	B $\frac{8}{12}$
C $\frac{6}{3}$	D $\frac{12}{8}$

Correct Answer: A B C D

Explanation:

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GCSE Fractions Question 10

$$\frac{3}{2x} - \frac{1}{x}$$

What is the answer to the above question?

A $\frac{2}{x}$	B $\frac{2}{2}$
C $\frac{1}{2x}$	D $\frac{2}{2x}$

Correct Answer: A B C D

Explanation:

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