New GCSE Maths: N8 - All Fractions skills together

Name:.. Date:..

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

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

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

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

A 4	B 16
C 15	D 8

Correct Answer: A B C D

Explanation:

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

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

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

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

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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