New Maths GCSE: N8 - Equivalent Fractions

Name:.. Date:......................................

Which fraction is equivalent to....

$$\frac{1}{2}$$

A) $\frac{3}{9}$ B) $\frac{2}{8}$

C) $\frac{4}{8}$ D) $\frac{4}{10}$

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Correct Answer: A B C D

Explanation:

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Which fraction is equivalent to....

$$\frac{1}{4}$$

A) $\frac{5}{16}$ B) $\frac{7}{21}$

C) $\frac{3}{10}$ D) $\frac{4}{16}$

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Correct Answer: A B C D

Explanation:

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Which fraction is equivalent to....

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

A) $\frac{6}{25}$ B) $\frac{6}{15}$

C) $\frac{8}{22}$ D) $\frac{12}{35}$

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Correct Answer: A B C D

Explanation:

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Which fraction is equivalent to....

$$\frac{3}{4}$$

A) $\frac{12}{20}$ B) $\frac{18}{20}$

C) $\frac{16}{20}$ D) $\frac{15}{20}$

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Correct Answer: A B C D

Explanation:

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Which fraction is equivalent to....

$$\frac{5}{7}$$

A) $\frac{10}{21}$ B) $\frac{35}{35}$

C) $\frac{30}{42}$ D) $\frac{15}{28}$

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Correct Answer: A B C D

Explanation:

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Which fraction is NOT equivalent to $\frac{7}{9}$?

A) $\frac{14}{18}$ B) $\frac{49}{63}$

C) $\frac{48}{72}$ D) $\frac{21}{27}$

Correct Answer: A B C D

Explanation:

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Fractions

A fraction model is shown.

Which shows an equivalent fraction?

A.   B.

C.   D.

Correct Answer: A B C D

Explanation:

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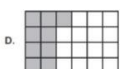..

Ed has climbed 9 flights of stairs. He needs to climb a total of 15 flights of stairs. The shaded region of which figure models the number of flights of stairs Ed has climbed out of the total number he needs to climb?

A.

B.

C.

D.

Correct Answer: A B C D

Explanation:

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Which fraction is equivalent to $\frac{3}{4}$?

A: $\frac{9}{12}$

B: $\frac{6}{12}$

C: $\frac{6}{10}$

D: $\frac{9}{14}$

Correct Answer: A B C D

Explanation:

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Which of these shows an incorrect equivalent fraction?
(Filled-in numbers are shown in red)

$\frac{3}{5} = \frac{2}{10}$ $\frac{3}{5} = \frac{15}{25}$ $\frac{3}{5} = \frac{21}{35}$ $\frac{3}{5} = \frac{30}{50}$

(A) (B) (C) (D)

Correct Answer: A B C D

Explanation:

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