



Simplify and Equivalence of Fractions - 6 - Quiz A

Name:

Date:

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What is the missing fraction in this sequence?

$$\frac{24}{32}, \frac{12}{16}, \boxed{\phantom{\frac{3}{4}}}$$

A $\frac{6}{8}$ B $\frac{4}{8}$ C $\frac{6}{10}$ D $\frac{6}{16}$

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Correct Answer: A B C D

Explanation:

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Write this fraction in its simplest form.

$$\frac{12}{40}$$

A $\frac{6}{20}$ B $\frac{3}{10}$ C $\frac{4}{10}$ D $\frac{12}{40}$

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Correct Answer: A B C D

Explanation:

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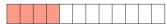

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Which diagram shows $\frac{8}{24}$ in its simplest form?

1)  2) 

3)  4) 

A 1 B 2 C 3 D 4

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Correct Answer: A B C D

Explanation:

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What is the missing numerator?

$$\frac{42}{56} = \frac{\quad}{8}$$

A 34 B 5.25 C 7 D 6

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Correct Answer: A B C D

Explanation:

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To simplify this fraction, I would divide the numerator and the denominator by

$$\frac{8}{12}$$

A 8 B 4 C 2 D 12

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Correct Answer: A B C D

Explanation:

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Which fraction is equivalent to:

$$\frac{6}{18}$$

a) $\frac{12}{36}$ b) $\frac{1}{3}$ c) $\frac{2}{6}$ d) $\frac{3}{6}$

A b and c B a, b and c C c D b

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Correct Answer: A B C D

Explanation:

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Which fraction is not in its simplest form?

$$\frac{1}{12} \quad \frac{2}{9} \quad \frac{2}{6} \quad \frac{1}{7}$$

A $\frac{1}{12}$ B C and D C $\frac{2}{9}$ D $\frac{2}{6}$

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Correct Answer: A B C D

Explanation:

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Which fractions are equivalent?

a) $\frac{16}{24}$ b) $\frac{6}{9}$ c) $\frac{2}{8}$ d) $\frac{8}{12}$

A B C D

a, c and d a, b and d a and d None of them

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Correct Answer: A B C D

Explanation:

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

$\frac{5}{20}$ $\frac{6}{18}$ $\frac{18}{27}$

Which fraction could go in the empty box?

A B C D

$\frac{2.5}{10}$ $\frac{3}{3}$ $\frac{1}{4}$ $\frac{1}{5}$

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Correct Answer: A B C D

Explanation:

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What fraction of these sweets are red?



A B C D

$\frac{7}{14}$ $\frac{7}{20}$ $\frac{1}{3}$ $\frac{14}{21}$

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Correct Answer: A B C D

Explanation:

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