



Name _____ Class _____ Date _____

1 Which **proportion** represents the following?
five is to fifteen as three is to nine

A $\frac{5}{3} = \frac{15}{9}$ C $\frac{5}{15} = \frac{3}{9}$

B $\frac{15}{5} = \frac{9}{3}$ D $\frac{5}{9} = \frac{15}{3}$

2 The ratio **27 inches** is to **6 inches** is **equal** to which **ratio**?

A $\frac{52 \text{ in.}}{12 \text{ in.}}$ C $\frac{13 \text{ in.}}{3 \text{ in.}}$

B $\frac{3.5 \text{ in.}}{1 \text{ in.}}$ D $\frac{9 \text{ in.}}{2 \text{ in.}}$

3 Which **proportion** can be used to solve for **x**, if **32 inches** is to **40 inches** as **x** is to **100 inches**?

A $\frac{32}{40} = \frac{100}{x}$ C $\frac{32}{40} = \frac{40}{x}$

4 Which **proportion** can be used to solve for **x**, if **54 ft** is to **x** as **81 ft** is to **42 ft**?

A $\frac{x}{54} = \frac{81}{42}$ C $\frac{x}{42} = \frac{81}{54}$



PREVIEW

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9 The quotient, $\frac{\$24.99}{8}$ gallons, is an example of a **rate**.

True or false?

- A true
B false

10 A **six-pack** of **8-oz** cans of soda cost **\$2.99**. A **67-oz** bottle of soda costs **\$1.39**. The six-pack is a better buy.

True or false?

- A true
B false



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(D)

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7

C \$.44/lb
 D \$.49/lb

B 37
 C 38
 D 39

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(A)

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