

PROPORTIONS REVIEW DAY 2

Grade: «grade»
Subject:
Date: «date»

1 Which fraction could be used to form a proportions with $\frac{7}{8}$

A ~~$\frac{13}{16}$~~

B ~~$\frac{14}{15}$~~

C $\frac{21}{24}$

D $\frac{35}{25}$

$$\frac{7}{8} \times \frac{13}{16}$$

$$112 \neq 104$$

$$\frac{7}{8} \times \frac{21}{24}$$

$$168 = 168$$

$$\frac{7}{8} = \frac{14}{15}$$

$$112 \neq 105$$

- 2 A truck can travel 232 miles on 14.5 gallons of gasoline. How many gallons would the truck need to travel 400 MILES?

$$\frac{232 \text{ mi}}{14.5 \text{ gal}} \rightarrow \frac{400 \text{ mi}}{x \text{ gal}}$$

$x = 25 \text{ gallons}$

- 3 The local bakery follows a recipe that require 22 apples for 4 pies.

An order of 77 apples was made to the produce store.

$$\frac{22 \text{ a}}{4 \text{ p}} = \frac{77 \text{ a}}{x}$$

Determine which proportion could be used find how many pies this would make.

A $\frac{x}{4} = \frac{77}{22}$

B $\frac{4}{22} = \frac{77}{x}$

C $\frac{22}{77} = \frac{x}{4}$

D $\frac{22}{4} = \frac{77}{x}$

PROPORTIONS REVIEW DAY 3

Grade: «grade»
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1 Yesterday the price of apples was \$0.75 for three apples. If the price stays the same how many apples can be bought for \$10?

- A 4 apples
- B 40 apples
- C 2.25 apples
- D 14 apples

$$\frac{\$0.75}{30} = \frac{\$10}{X}$$

- 2 A company sent out 150 questionnaires and 54 were returned. At this rate how many questionnaires must the company send out in order to get at least 135 returned?

Write a proportion and solve.

$$\frac{150 \text{ Q}}{54 \text{ R}} = \frac{X}{135 \text{ R}}$$

3 A 12 ounce bottle of shampoo sells for \$2.79. Assuming the price stays the same per ounce, how much will a 16 ounce bottle of shampoo cost? Which proportion would be used to solve the problem.

$$\frac{12 \text{ oz}}{\$2.79} = \frac{16}{x}$$

A $\frac{16 \text{ oz}}{\$2.79} = \frac{12 \text{ oz}}{\$x}$

B $\frac{\$2.79}{16} = \frac{12}{x}$

C $\frac{12}{16} = \frac{\$2.79}{x}$

D $\frac{16 \text{ oz}}{\$x} = \frac{12 \text{ oz}}{\$2.79}$