



Common Core Mathematics Practice for Grade 6

CCSS.Math.Content.6.RP.A.2 - Worksheet #33139

Name: _____**Standard: CCSS.Math.Content.6.RP.A.2**

Description: Understand the concept of a unit rate a/b associated with a ratio $a:b$ with $b \neq 0$, and use rate language in the context of a ratio relationship. For example, "This recipe has a ratio of 3 cups of flour to 4 cups of sugar, so there is $3/4$ cup of flour for each cup of sugar." "We paid \$75 for 15 hamburgers, which is a rate of \$5 per hamburger."

Solve The Proportion for X (Easy):

1.

$$x = 13$$

$$\frac{\quad}{\quad} = \frac{\quad}{\quad}$$

$$\frac{3}{7}$$

6.

$$x = 15$$

$$\frac{\quad}{\quad} = \frac{\quad}{\quad}$$

$$\frac{11}{4}$$

2.

$$\frac{18}{5}$$

$$\frac{\quad}{\quad} = \frac{\quad}{\quad}$$

$$\frac{2}{x}$$

7.

$$\frac{20}{x}$$

$$\frac{\quad}{\quad} = \frac{\quad}{\quad}$$

$$\frac{7}{6}$$

3.

$$\frac{13}{17}$$

$$\frac{\quad}{\quad} = \frac{\quad}{\quad}$$

$$\frac{x}{20}$$

8.

$$\frac{9}{12}$$

$$\frac{\quad}{\quad} = \frac{\quad}{\quad}$$

$$\frac{x}{1}$$

4.

$$\frac{9}{11}$$

$$\frac{\quad}{\quad} = \frac{\quad}{\quad}$$

$$\frac{10}{x}$$

9.

$$\frac{4}{12}$$

$$\frac{\quad}{\quad} = \frac{\quad}{\quad}$$

$$\frac{x}{18}$$

5.

$$\frac{18}{15}$$

$$\frac{\quad}{\quad} = \frac{\quad}{\quad}$$

$$\frac{14}{x}$$

10.

$$\frac{x}{10}$$

$$\frac{\quad}{\quad} = \frac{\quad}{\quad}$$

$$\frac{9}{4}$$

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