



Common Core Mathematics Practice for Grade 6

CCSS.Math.Content.6.RP.A.2 - Worksheet #33175

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.

$$\frac{9}{5} = \frac{x}{1}$$

6.

$$\frac{x}{20} = \frac{3}{17}$$

2.

$$\frac{8}{19} = \frac{4}{x}$$

7.

$$\frac{x}{7} = \frac{12}{19}$$

3.

$$\frac{4}{19} = \frac{18}{x}$$

8.

$$\frac{4}{7} = \frac{x}{14}$$

4.

$$\frac{2}{7} = \frac{18}{x}$$

9.

$$\frac{16}{8} = \frac{x}{17}$$

5.

$$\frac{9}{1} = \frac{5}{x}$$

10.

$$\frac{x}{8} = \frac{6}{4}$$

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