



Common Core Mathematics Practice for Grade 6

CCSS.Math.Content.6.RP.A.2 - Worksheet #33164

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.

$$\frac{8}{2} = \frac{20}{x}$$

$$\frac{8}{2} = \frac{20}{x}$$

$$\frac{8}{2} = \frac{20}{x}$$

6.

$$\frac{19}{x} = \frac{8}{6}$$

$$\frac{19}{x} = \frac{8}{6}$$

$$\frac{19}{x} = \frac{8}{6}$$

2.

$$\frac{9}{x} = \frac{6}{16}$$

$$\frac{9}{x} = \frac{6}{16}$$

$$\frac{9}{x} = \frac{6}{16}$$

7.

$$\frac{11}{15} = \frac{10}{x}$$

$$\frac{11}{15} = \frac{10}{x}$$

$$\frac{11}{15} = \frac{10}{x}$$

3.

$$\frac{17}{9} = \frac{x}{2}$$

$$\frac{17}{9} = \frac{x}{2}$$

$$\frac{17}{9} = \frac{x}{2}$$

8.

$$\frac{15}{6} = \frac{2}{x}$$

$$\frac{15}{6} = \frac{2}{x}$$

$$\frac{15}{6} = \frac{2}{x}$$

4.

$$\frac{15}{x} = \frac{16}{17}$$

$$\frac{15}{x} = \frac{16}{17}$$

$$\frac{15}{x} = \frac{16}{17}$$

9.

$$\frac{17}{11} = \frac{x}{12}$$

$$\frac{17}{11} = \frac{x}{12}$$

$$\frac{17}{11} = \frac{x}{12}$$

5.

$$\frac{4}{12} = \frac{16}{x}$$

$$\frac{4}{12} = \frac{16}{x}$$

$$\frac{4}{12} = \frac{16}{x}$$

10.

$$\frac{6}{3} = \frac{x}{14}$$

$$\frac{6}{3} = \frac{x}{14}$$

$$\frac{6}{3} = \frac{x}{14}$$

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