



Common Core Mathematics Practice for Grade 6

CCSS.Math.Content.6.RP.A.2 - Worksheet #33131

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.

$$\frac{13}{x} = \frac{15}{10}$$

$$\frac{13}{x} = \frac{15}{10}$$

$$\frac{13}{x} = \frac{15}{10}$$

6.

$$\frac{5}{x} = \frac{16}{2}$$

$$\frac{5}{x} = \frac{16}{2}$$

$$\frac{5}{x} = \frac{16}{2}$$

2.

$$\frac{13}{x} = \frac{4}{9}$$

$$\frac{13}{x} = \frac{4}{9}$$

$$\frac{13}{x} = \frac{4}{9}$$

7.

$$\frac{16}{11} = \frac{x}{4}$$

$$\frac{16}{11} = \frac{x}{4}$$

$$\frac{16}{11} = \frac{x}{4}$$

3.

$$\frac{12}{x} = \frac{17}{19}$$

$$\frac{12}{x} = \frac{17}{19}$$

$$\frac{12}{x} = \frac{17}{19}$$

8.

$$\frac{17}{12} = \frac{x}{3}$$

$$\frac{17}{12} = \frac{x}{3}$$

$$\frac{17}{12} = \frac{x}{3}$$

4.

$$\frac{4}{16} = \frac{15}{x}$$

$$\frac{4}{16} = \frac{15}{x}$$

$$\frac{4}{16} = \frac{15}{x}$$

9.

$$\frac{x}{3} = \frac{13}{11}$$

$$\frac{x}{3} = \frac{13}{11}$$

$$\frac{x}{3} = \frac{13}{11}$$

5.

$$\frac{2}{6} = \frac{4}{x}$$

$$\frac{2}{6} = \frac{4}{x}$$

$$\frac{2}{6} = \frac{4}{x}$$

10.

$$\frac{5}{x} = \frac{10}{15}$$

$$\frac{5}{x} = \frac{10}{15}$$

$$\frac{5}{x} = \frac{10}{15}$$

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