



Common Core Mathematics Practice for Grade 6

CCSS.Math.Content.6.RP.A.2 - Worksheet #34069

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 (Hard):

1.

$$\frac{2}{7} = \frac{x - 19}{19}$$

6.

$$\frac{15}{x - 3} = \frac{4}{8}$$

2.

$$\frac{x + 16}{15} = \frac{13}{20}$$

7.

$$\frac{7}{8} = \frac{x + 2}{18}$$

3.

$$\frac{19}{15} = \frac{x + 4}{1}$$

8.

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

4.

$$\frac{2}{15} = \frac{x - 15}{8}$$

9.

$$\frac{15}{4} = \frac{x - 18}{13}$$

5.

$$\frac{12}{x - 18} = \frac{3}{1}$$

10.

$$\frac{1}{19} = \frac{x + 15}{20}$$

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