



Common Core Mathematics Practice for Grade 6

CCSS.Math.Content.6.RP.A.2 - Worksheet #33149

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.

$$\begin{array}{r} 7 \quad x \\ --- = --- \\ 3 \quad 13 \end{array}$$

6.

$$\begin{array}{r} 13 \quad 2 \\ --- = --- \\ 9 \quad x \end{array}$$

2.

$$\begin{array}{r} 11 \quad 15 \\ --- = --- \\ x \quad 7 \end{array}$$

7.

$$\begin{array}{r} x \quad 6 \\ --- = --- \\ 2 \quad 17 \end{array}$$

3.

$$\begin{array}{r} 12 \quad 10 \\ --- = --- \\ x \quad 9 \end{array}$$

8.

$$\begin{array}{r} 8 \quad 16 \\ --- = --- \\ 2 \quad x \end{array}$$

4.

$$\begin{array}{r} 14 \quad x \\ --- = --- \\ 12 \quad 15 \end{array}$$

9.

$$\begin{array}{r} 8 \quad 5 \\ --- = --- \\ x \quad 4 \end{array}$$

5.

$$\begin{array}{r} 6 \quad x \\ --- = --- \\ 5 \quad 8 \end{array}$$

10.

$$\begin{array}{r} 10 \quad 15 \\ --- = --- \\ 7 \quad x \end{array}$$

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