



Common Core Mathematics Practice for Grade 6

CCSS.Math.Content.6.RP.A.2 - Worksheet #33177

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.

$$\begin{array}{cc} 11 & 18 \\ --- & = --- \\ 3 & x \end{array}$$

6.

$$\begin{array}{cc} 5 & 17 \\ --- & = --- \\ 7 & x \end{array}$$

2.

$$\begin{array}{cc} x & 17 \\ --- & = --- \\ 8 & 6 \end{array}$$

7.

$$\begin{array}{cc} 15 & x \\ --- & = --- \\ 11 & 19 \end{array}$$

3.

$$\begin{array}{cc} 4 & 12 \\ --- & = --- \\ 14 & x \end{array}$$

8.

$$\begin{array}{cc} 9 & 12 \\ --- & = --- \\ x & 7 \end{array}$$

4.

$$\begin{array}{cc} 17 & x \\ --- & = --- \\ 6 & 18 \end{array}$$

9.

$$\begin{array}{cc} 9 & 5 \\ --- & = --- \\ x & 11 \end{array}$$

5.

$$\begin{array}{cc} x & 11 \\ --- & = --- \\ 5 & 14 \end{array}$$

10.

$$\begin{array}{cc} 7 & 2 \\ --- & = --- \\ 6 & x \end{array}$$

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