



Common Core Mathematics Practice for Grade 6

CCSS.Math.Content.6.RP.A.2 - Worksheet #33128

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.

$$\begin{array}{rcl} 17 & x & \\ --- & = & --- \\ 8 & 18 & \end{array}$$

6.

$$\begin{array}{rcl} 10 & x & \\ --- & = & --- \\ 2 & 7 & \end{array}$$

2.

$$\begin{array}{rcl} 17 & 2 & \\ --- & = & --- \\ x & 13 & \end{array}$$

7.

$$\begin{array}{rcl} x & 5 & \\ --- & = & --- \\ 3 & 6 & \end{array}$$

3.

$$\begin{array}{rcl} x & 18 & \\ --- & = & --- \\ 3 & 14 & \end{array}$$

8.

$$\begin{array}{rcl} 10 & 7 & \\ --- & = & --- \\ 12 & x & \end{array}$$

4.

$$\begin{array}{rcl} 10 & x & \\ --- & = & --- \\ 17 & 18 & \end{array}$$

9.

$$\begin{array}{rcl} x & 18 & \\ --- & = & --- \\ 14 & 6 & \end{array}$$

5.

$$\begin{array}{rcl} 5 & 12 & \\ --- & = & --- \\ 6 & x & \end{array}$$

10.

$$\begin{array}{rcl} 2 & x & \\ --- & = & --- \\ 4 & 16 & \end{array}$$

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