



## Common Core Mathematics Practice for Grade 6

CCSS.Math.Content.6.RP.A.2 - Worksheet #33200

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.

$$\begin{array}{rcl} 20 & x & \\ --- & = & --- \\ 4 & 2 & \end{array}$$

6.

$$\begin{array}{rcl} 6 & 2 & \\ --- & = & --- \\ x & 14 & \end{array}$$

2.

$$\begin{array}{rcl} 18 & 7 & \\ --- & = & --- \\ x & 12 & \end{array}$$

7.

$$\begin{array}{rcl} 17 & x & \\ --- & = & --- \\ 20 & 1 & \end{array}$$

3.

$$\begin{array}{rcl} 7 & 3 & \\ --- & = & --- \\ x & 13 & \end{array}$$

8.

$$\begin{array}{rcl} x & 12 & \\ --- & = & --- \\ 4 & 11 & \end{array}$$

4.

$$\begin{array}{rcl} 17 & x & \\ --- & = & --- \\ 3 & 14 & \end{array}$$

9.

$$\begin{array}{rcl} x & 9 & \\ --- & = & --- \\ 2 & 15 & \end{array}$$

5.

$$\begin{array}{rcl} 16 & x & \\ --- & = & --- \\ 9 & 7 & \end{array}$$

10.

$$\begin{array}{rcl} 6 & x & \\ --- & = & --- \\ 5 & 11 & \end{array}$$

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