



## Common Core Mathematics Practice for Grade 6

CCSS.Math.Content.6.RP.A.2 - Worksheet #33197

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.**

$$\begin{array}{r} x \quad 17 \\ --- = --- \\ 12 \quad 6 \end{array}$$

**6.**

$$\begin{array}{r} 20 \quad 19 \\ --- = --- \\ x \quad 7 \end{array}$$

**2.**

$$\begin{array}{r} 8 \quad 9 \\ --- = --- \\ x \quad 14 \end{array}$$

**7.**

$$\begin{array}{r} 2 \quad x \\ --- = --- \\ 13 \quad 7 \end{array}$$

**3.**

$$\begin{array}{r} 15 \quad 2 \\ --- = --- \\ x \quad 17 \end{array}$$

**8.**

$$\begin{array}{r} 11 \quad 9 \\ --- = --- \\ x \quad 20 \end{array}$$

**4.**

$$\begin{array}{r} 18 \quad 3 \\ --- = --- \\ x \quad 7 \end{array}$$

**9.**

$$\begin{array}{r} 4 \quad 6 \\ --- = --- \\ x \quad 19 \end{array}$$

**5.**

$$\begin{array}{r} 20 \quad x \\ --- = --- \\ 1 \quad 5 \end{array}$$

**10.**

$$\begin{array}{r} 5 \quad 16 \\ --- = --- \\ x \quad 20 \end{array}$$

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