



## Common Core Mathematics Practice for Grade 6

CCSS.Math.Content.6.RP.A.2 - Worksheet #33171

**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.**

$$\frac{2}{x} = \frac{18}{1}$$

$$\frac{2}{x} = \frac{18}{1}$$

$$\frac{2}{x} = \frac{18}{1}$$

**6.**

$$\frac{8}{2} = \frac{x}{20}$$

$$\frac{8}{2} = \frac{x}{20}$$

$$\frac{8}{2} = \frac{x}{20}$$

**2.**

$$\frac{9}{3} = \frac{x}{5}$$

$$\frac{9}{3} = \frac{x}{5}$$

$$\frac{9}{3} = \frac{x}{5}$$

**7.**

$$\frac{15}{3} = \frac{x}{16}$$

$$\frac{15}{3} = \frac{x}{16}$$

$$\frac{15}{3} = \frac{x}{16}$$

**3.**

$$\frac{x}{20} = \frac{17}{14}$$

$$\frac{x}{20} = \frac{17}{14}$$

$$\frac{x}{20} = \frac{17}{14}$$

**8.**

$$\frac{13}{x} = \frac{11}{1}$$

$$\frac{13}{x} = \frac{11}{1}$$

$$\frac{13}{x} = \frac{11}{1}$$

**4.**

$$\frac{x}{2} = \frac{1}{3}$$

$$\frac{x}{2} = \frac{1}{3}$$

$$\frac{x}{2} = \frac{1}{3}$$

**9.**

$$\frac{3}{7} = \frac{x}{4}$$

$$\frac{3}{7} = \frac{x}{4}$$

$$\frac{3}{7} = \frac{x}{4}$$

**5.**

$$\frac{19}{1} = \frac{x}{3}$$

$$\frac{19}{1} = \frac{x}{3}$$

$$\frac{19}{1} = \frac{x}{3}$$

**10.**

$$\frac{x}{8} = \frac{15}{6}$$

$$\frac{x}{8} = \frac{15}{6}$$

$$\frac{x}{8} = \frac{15}{6}$$

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