Common Core Mathematics Practice for Grade 6

CCSS.Math.Content.6.RP.A.2 - Worksheet #33151

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≠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.

$$\frac{18}{x} = \frac{17}{8}$$

6.

$$\frac{16}{18} = \frac{x}{3}$$

2.

$$\frac{x}{10} = \frac{2}{16}$$

7.

$$\frac{1}{3} = \frac{15}{x}$$

3.

$$\frac{2}{1} = \frac{13}{x}$$

8.

$$\frac{14}{x} = \frac{19}{16}$$

4.

$$\frac{1}{x} = \frac{15}{12}$$

9.

$$\frac{12}{x} = \frac{6}{10}$$

5.

$$\frac{x}{19} = \frac{5}{10}$$

10.

$$\frac{20}{x} = \frac{3}{6}$$