



CCSS Mathematics - Answer Keys for Grade 6

CCSS.Math.Content.6.RP.A.2 - Answer Key for Worksheet #34091

Answer Key

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 (Hard):

<p>1.</p> $\frac{13}{x-1} = \frac{2}{20}$ <p>Answer: 131</p>	<p>6.</p> $\frac{20}{8} = \frac{13}{x+14}$ <p>Answer:</p> $\frac{4}{-8} = \frac{5}{5}$
<p>2.</p> $\frac{20}{x+20} = \frac{16}{3}$ <p>Answer:</p> $\frac{1}{-16} = \frac{4}{4}$	<p>7.</p> $\frac{18}{16} = \frac{x+3}{14}$ <p>Answer:</p> $\frac{3}{12} = \frac{4}{4}$
<p>3.</p> $\frac{x-2}{13} = \frac{2}{9}$ <p>Answer:</p> $\frac{8}{4} = \frac{9}{9}$	<p>8.</p> $\frac{8}{17} = \frac{12}{x+18}$ <p>Answer:</p> $\frac{1}{7} = \frac{2}{2}$
<p>4.</p> $\frac{15}{8} = \frac{11}{x+13}$ <p>Answer:</p> $\frac{2}{-7} = \frac{15}{15}$	<p>9.</p> $\frac{9}{4} = \frac{x-8}{16}$ <p>Answer: 44</p>

9.

$$\frac{1}{x+4} = \frac{2}{9}$$

Answer:

$$\frac{1}{0} = \frac{2}{2}$$

10.

$$\frac{16}{12} = \frac{x-16}{8}$$

Answer:

$$\frac{2}{26} = \frac{3}{3}$$

Answer Key for Printable #: 34091-CCSS.Math.Content.6.RP.A.2

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