



Common Core Mathematics Practice for Grade 6

CCSS.Math.Content.6.RP.A.2 - Worksheet #34082

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 (Hard):

<p>1.</p> $\frac{x + 20}{15} = \frac{19}{10}$	<p>6.</p> $\frac{x + 12}{16} = \frac{13}{8}$
<p>2.</p> $\frac{17}{5} = \frac{1}{x + 15}$	<p>7.</p> $\frac{x - 4}{4} = \frac{3}{12}$
<p>3.</p> $\frac{19}{x - 18} = \frac{4}{3}$	<p>8.</p> $\frac{18}{x + 12} = \frac{20}{9}$
<p>4.</p> $\frac{x - 11}{19} = \frac{7}{20}$	<p>9.</p> $\frac{14}{x + 1} = \frac{12}{19}$
<p>5.</p> $\frac{x + 12}{16} = \frac{14}{5}$	<p>10.</p> $\frac{7}{x - 14} = \frac{11}{12}$

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