



## Common Core Mathematics Practice for Grade 6

CCSS.Math.Content.6.RP.A.2 - Worksheet #34036

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):

**1.**

$$\frac{6}{x-5} = \frac{19}{16}$$

**6.**

$$\frac{20}{x+10} = \frac{4}{15}$$

**2.**

$$\frac{20}{8} = \frac{x-10}{9}$$

**7.**

$$\frac{10}{4} = \frac{2}{x-8}$$

**3.**

$$\frac{14}{19} = \frac{2}{x+5}$$

**8.**

$$\frac{7}{14} = \frac{2}{x+6}$$

**4.**

$$\frac{17}{10} = \frac{18}{x-13}$$

**9.**

$$\frac{x-16}{3} = \frac{15}{7}$$

**5.**

$$\frac{x+17}{13} = \frac{3}{17}$$

**10.**

$$\frac{x+15}{9} = \frac{18}{5}$$

Printable #: 34036-CCSS.Math.Content.6.RP.A.2

Copyright 2013-2015 by Internet4Classrooms Corporation. All Rights Reserved. For more Common Core Resources: [https://www.internet4classrooms.com/common\\_core](https://www.internet4classrooms.com/common_core)

1. This may be printed and reproduced by teachers, parents and students for classroom or homework usage.

2. It is acceptable to link to this page on other websites and in emails using the title above and the following URL:

[https://www.internet4classrooms.com/printables/common\\_core/math\\_mathematics\\_6th\\_sixth\\_grade/34036-CCSS.Math.Content.6.RP.A.2.htm](https://www.internet4classrooms.com/printables/common_core/math_mathematics_6th_sixth_grade/34036-CCSS.Math.Content.6.RP.A.2.htm) or simply: <http://i4c.xyz/yblclfgf>.

3. This image and data thereon may not be sold, published online or in print by anyone else.

Teachers may request access to an answer key for all Internet4Classrooms printable practice sheets by going here: <http://i4c.xyz/n89msyv>.