

## One-Step Equations (Rational Numbers)

Date \_\_\_\_\_ Period \_\_\_\_\_

**Solve each equation.**

1)  $-\frac{39}{40} = -2\frac{3}{5}v$

2)  $x + \left(-\frac{9}{11}\right) = \frac{43}{55}$

3)  $-\frac{17}{16}n = -\frac{51}{80}$

4)  $n + \left(-2\frac{3}{10}\right) = \frac{47}{10}$

5)  $-\frac{41}{16} = -3\frac{13}{16} - r$

6)  $-\frac{5}{7}x = \frac{5}{6}$

7)  $-4\frac{5}{7} = n + \left(-\frac{12}{7}\right)$

8)  $m + (-23.2) = 6.2$

9)  $\frac{b}{15.2} = -1.875$

10)  $0.8 = \frac{r}{12.5}$

11)  $-30.8 = x - 21.4$

12)  $-9n = -242.1$

13)  $-3.92 = n - (-7.77)$

14)  $-704.7 = -29m$

15)  $-6.5b = -39.65$