**Solving One Step Rational Number Equations Practice**

**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_**

**Solve each equation. Show your work.**

**1. 2.3 + x = 5.6**

**2. -3.45 + x = -9.7**

**3. - 3.6x = 14.4**

**4.** $\frac{x}{1.6}$ **= - 4.3**

**5. x + 7.65 = 10.34**

**6.** $\frac{2}{3}$ **+ x =** $\frac{-5}{6}$

**7.** $\frac{3}{4}$**x =** $\frac{9}{16}$

**8.** $\frac{-1}{5}$ **+ x =** $\frac{-5}{7}$

**9.** $ \frac{4}{9}$ **+ x =** $\frac{-5}{18}$

**10.** $\frac{4}{5}$**x =** $\frac{16}{25}$

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**Solving One Step Rational Number Equations Practice Answer Key**

**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_**

**Solve each equation. Show your work.**

**x = 3.3**

**1. 2.3 + x = 5.6**

**x = -6.25**

**2. -3.45 + x = -9.7**

**x = -4**

**3. - 3.6x = 14.4**

**x = -6.88**

**4.** $\frac{x}{1.6}$ **= - 4.3**

**x = 2.69**

**5. x + 7.65 = 10.34**

**x = -1** $\frac{1}{2}$

**6.** $\frac{2}{3}$ **+ x =** $\frac{-5}{6}$

**x =** $\frac{3}{4}$

**7.** $\frac{3}{4}$**x =** $\frac{9}{16}$

**x = -** $\frac{18}{35}$

**8.** $\frac{-1}{5}$ **+ x =** $\frac{-5}{7}$

**x = -** $\frac{13}{18}$

**9.** $ \frac{4}{9}$ **+ x =** $\frac{-5}{18}$

**x =** $\frac{4}{5}$****

**10.** $\frac{4}{5}$**x =** $\frac{16}{25}$

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