

## Solving One Step Equations

### Unit 2: Equations and Inequalities

Solve each equation:

<p>1. <math>v - 19 = -38</math> <math>\quad +19 \quad +19</math><hr/><math>v = -19</math></p>	<p>2. <math>-11 = m + 6</math> <math>\quad -6 \quad -6</math><hr/><math>-17 = m</math></p>
<p>3. <math>-29 = n - 12</math> <math>\quad +12 \quad +12</math><hr/><math>-17 = n</math></p>	<p>4. <math>k + 15 = 1</math> <math>\quad -15 \quad -15</math><hr/><math>k = -14</math></p>
<p>5. <math>12 + n = 20</math> <math>\quad -12 \quad -12</math><hr/><math>n = 8</math></p>	<p>6. <math>-15 = p - 10</math> <math>\quad +10 \quad +10</math><hr/><math>-5 = p</math></p>
<p>7. <math>-12 = x + 5</math> <math>\quad -5 \quad -5</math><hr/><math>-17 = x</math></p>	<p>8. <math>x - 6 = 4</math> <math>\quad +6 \quad +6</math><hr/><math>x = 10</math></p>
<p>9. <math>x + 19 = 0</math> <math>\quad -19 \quad -19</math><hr/><math>x = -19</math></p>	<p>10. <math>n - 11 = 5</math> <math>\quad +11 \quad +11</math><hr/><math>n = 16</math></p>

$$11. \left[ -4 = \frac{x}{17} \right] \cdot 17$$

$$\boxed{-68 = x}$$

$$12. \frac{-104}{13} = \frac{13r}{13}$$

$$\boxed{-8 = r}$$

$$13. \left[ 15 = \frac{x}{6} \right] \cdot 6$$

$$\boxed{90 = x}$$

$$14. \frac{-35}{7} = \frac{7r}{7}$$

$$\boxed{-5 = r}$$

$$15. \frac{0}{16} = \frac{16p}{16}$$

$$\boxed{0 = p}$$

$$16. \frac{-12n}{-12} = \frac{108}{-12}$$

$$\boxed{n = -9}$$

$$17. \frac{196}{-14} = \frac{-14x}{-14}$$

$$\boxed{-14 = x}$$

$$18. \left[ 13 = \frac{x}{5} \right] \cdot 5$$

$$\boxed{65 = x}$$

$$19. \left[ -13 = \frac{x}{3} \right] \cdot 3$$

$$\boxed{-39 = x}$$

$$20. \frac{12v}{12} = \frac{-192}{12}$$

$$\boxed{v = -16}$$