

1.  $4r = 8$

$$r = 2$$

2.  $5 + 2f = 17$

$$2f = 12$$

$$f = 6$$

3.  $-3 + 3y = 2y + 5$

$$y = 8$$

4.  $5 + x = 2x - 3$

$$8 = x$$

5.  $5g + 1 = 7 + 2g$

$$3g = 6$$

$$g = 2$$

6.  $10b - 2 = 4 + 14$

$$10b - 2 = 18$$

$$b = 2$$

7.  $3m - 13 = 3 - m$

$$4m = 16$$

$$m = 4$$

8.  $25q + 50 = 175$

$$25q = 125$$

$$q = 5$$

9.  $4s + 10 = 2s + 2$

$$2s = -8$$

$$s = -4$$

<p>10. <math>-14h = -28</math></p> <p><math>h = 2</math></p>	<p>11. <math>b + 1 = -3 - 2</math></p> <p><math>b = -6</math></p>	<p>12. <math>4 + z + 2 = 21 - 2z</math></p> <p><math>3z + 6 = 21</math></p> <p><math>3z = 15</math></p> <p><math>z = 5</math></p>
<p>13. <math>8 + 8y = -16</math></p> <p><math>8y = -8</math></p> <p><math>y = -1</math></p>	<p>14. <math>4 + 7 = -q</math></p> <p><math>11 = -q</math></p> <p><math>q = -11</math></p>	<p>15. <math>x + x + x = 12</math></p> <p><math>3x = 12</math></p> <p><math>x = 4</math></p>
<p>16. <math>6r + 3 = 4r - 11</math></p> <p><math>2r = -14</math></p> <p><math>r = -7</math></p>	<p>17. <math>7p + 4 = 29 + 2p</math></p> <p><math>5p = 25</math></p> <p><math>p = 5</math></p>	<p>18. <math>20z + 80 = 140 + 10z</math></p> <p><math>10z = 60</math></p> <p><math>z = 6</math></p>
<p>19. <math>9m + 7 = 34</math></p> <p><math>9m = 27</math></p> <p><math>m = 3</math></p>	<p>20. <math>3y - 4 = 3 - 2y</math></p> <p><math>5y = 7</math></p> <p><math>y = \frac{7}{5}</math></p>	<p>21. <math>10m + 5 = 50 + 5m</math></p> <p><math>5m = 45</math></p> <p><math>m = 9</math></p>