



# Ratios of Lengths - Length and Ratio to Top Length, Whole Numbers - Right

## Angle Line Display

|                                                                                                         |                                                                                        |                                                                                        |                                                                                                        |                                                                                       |                                                                                        |
|---------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| <p>1 Solve for the length of line r</p> <p><math>t = 18</math><br/><math>\frac{r}{t} = 0.5</math></p>   | <p>A <math>r = 9</math></p> <p>C <math>r = 11</math></p> <p>E <math>r = 13</math></p>  | <p>B <math>r = 12</math></p> <p>D <math>r = 8</math></p> <p>F <math>r = 10</math></p>  | <p>2 Solve for the length of line t</p> <p><math>x = 20</math><br/><math>\frac{t}{x} = 0.25</math></p> | <p>A <math>t = 3</math></p> <p>C <math>t = 18</math></p> <p>E <math>t = 22</math></p> | <p>B <math>t = 5</math></p> <p>D <math>t = 23</math></p> <p>F <math>t = 0</math></p>   |
| <p>3 Solve for the length of line x</p> <p><math>n = 6</math><br/><math>\frac{x}{n} = 0.5</math></p>    | <p>A <math>x = 1</math></p> <p>C <math>x = 2</math></p> <p>E <math>x = 5</math></p>    | <p>B <math>x = 3</math></p> <p>D <math>x = 7</math></p> <p>F <math>x = 6</math></p>    | <p>4 Solve for the length of line r</p> <p><math>n = 12</math><br/><math>\frac{r}{n} = 0.25</math></p> | <p>A <math>r = 2</math></p> <p>C <math>r = 10</math></p> <p>E <math>r = 11</math></p> | <p>B <math>r = 14</math></p> <p>D <math>r = 3</math></p> <p>F <math>r = 7</math></p>   |
| <p>5 Solve for the length of line n</p> <p><math>q = 30</math><br/><math>\frac{n}{q} = 0.333</math></p> | <p>A <math>n = 33</math></p> <p>C <math>n = 29</math></p> <p>E <math>n = 10</math></p> | <p>B <math>n = 28</math></p> <p>D <math>n = 30</math></p> <p>F <math>n = 12</math></p> | <p>6 Solve for the length of line y</p> <p><math>r = 22</math><br/><math>\frac{y}{r} = 0.5</math></p>  | <p>A <math>y = 9</math></p> <p>C <math>y = 15</math></p> <p>E <math>y = 11</math></p> | <p>B <math>y = 26</math></p> <p>D <math>y = 20</math></p> <p>F <math>y = 18</math></p> |
| <p>7 Solve for the length of line y</p> <p><math>z = 6</math><br/><math>\frac{y}{z} = 0.5</math></p>    | <p>A <math>y = 6</math></p> <p>C <math>y = 2</math></p> <p>E <math>y = 8</math></p>    | <p>B <math>y = 10</math></p> <p>D <math>y = 1</math></p> <p>F <math>y = 3</math></p>   | <p>8 Solve for the length of line p</p> <p><math>q = 16</math><br/><math>\frac{p}{q} = 0.25</math></p> | <p>A <math>p = 2</math></p> <p>C <math>p = 0</math></p> <p>E <math>p = 7</math></p>   | <p>B <math>p = 4</math></p> <p>D <math>p = 13</math></p> <p>F <math>p = 11</math></p>  |