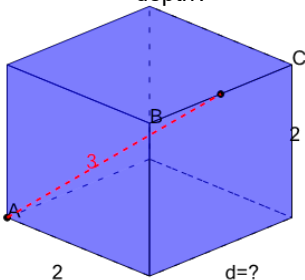
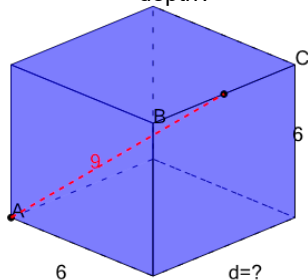
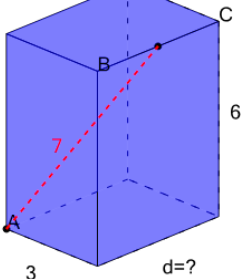
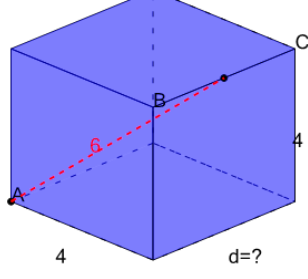




# Pythagorean Theorem 3D - Prism - Hypotenuse to Dimension (Half Depth)

|   |   |    |   |   |   |   |    |   |   |   |    |    |   |
|---|---|----|---|---|---|---|----|---|---|---|----|----|---|
| <div>1</div> <div>The distance from point A to the center point of BC is 3. What is the depth?</div> <div></div>    | <table><tr><td>A</td><td>B</td><td>C</td></tr><tr><td>2</td><td>1</td><td>6</td></tr><tr><td>D</td><td>E</td><td>F</td></tr><tr><td>11</td><td>3</td><td>4</td></tr></table>  | A  | B | C | 2 | 1 | 6  | D | E | F | 11 | 3  | 4 |
| A   | B   | C  |   |   |   |   |    |   |   |   |    |    |   |
| 2   | 1   | 6  |   |   |   |   |    |   |   |   |    |    |   |
| D   | E   | F  |   |   |   |   |    |   |   |   |    |    |   |
| 11  | 3   | 4  |   |   |   |   |    |   |   |   |    |    |   |
| <div>2</div> <div>The distance from point A to the center point of BC is 9. What is the depth?</div> <div></div>  | <table><tr><td>A</td><td>B</td><td>C</td></tr><tr><td>6</td><td>9</td><td>8</td></tr><tr><td>D</td><td>E</td><td>F</td></tr><tr><td>4</td><td>12</td><td>3</td></tr></table>  | A  | B | C | 6 | 9 | 8  | D | E | F | 4  | 12 | 3 |
| A   | B   | C  |   |   |   |   |    |   |   |   |    |    |   |
| 6   | 9   | 8  |   |   |   |   |    |   |   |   |    |    |   |
| D   | E   | F  |   |   |   |   |    |   |   |   |    |    |   |
| 4   | 12  | 3  |   |   |   |   |    |   |   |   |    |    |   |
| <div>3</div> <div>The distance from point A to the center point of BC is 7. What is the depth?</div> <div></div>  | <table><tr><td>A</td><td>B</td><td>C</td></tr><tr><td>2</td><td>5</td><td>4</td></tr><tr><td>D</td><td>E</td><td>F</td></tr><tr><td>10</td><td>12</td><td>3</td></tr></table> | A  | B | C | 2 | 5 | 4  | D | E | F | 10 | 12 | 3 |
| A   | B   | C  |   |   |   |   |    |   |   |   |    |    |   |
| 2   | 5   | 4  |   |   |   |   |    |   |   |   |    |    |   |
| D   | E   | F  |   |   |   |   |    |   |   |   |    |    |   |
| 10  | 12  | 3  |   |   |   |   |    |   |   |   |    |    |   |
| <div>4</div> <div>The distance from point A to the center point of BC is 6. What is the depth?</div> <div></div> | <table><tr><td>A</td><td>B</td><td>C</td></tr><tr><td>6</td><td>4</td><td>11</td></tr><tr><td>D</td><td>E</td><td>F</td></tr><tr><td>7</td><td>10</td><td>1</td></tr></table> | A  | B | C | 6 | 4 | 11 | D | E | F | 7  | 10 | 1 |
| A   | B   | C  |   |   |   |   |    |   |   |   |    |    |   |
| 6   | 4   | 11 |   |   |   |   |    |   |   |   |    |    |   |
| D   | E   | F  |   |   |   |   |    |   |   |   |    |    |   |
| 7   | 10  | 1  |   |   |   |   |    |   |   |   |    |    |   |