

Quiz: Working with Right Triangles

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| <p>1 In a right triangle normal is 5 cm, hypotenuse is 14. Find the value of base?</p> | <p>2 A Bamboo leans against a wall. The foot of the bamboo is 5 feet from the wall. The ladder reaches a height of 10 feet on the wall. Find the length of the bamboo?</p> |
| <p>3 From a point on the ground 8 feet from the foot of a tree, the angle of elevation of the top of the tree is 70°. Find the height of the tree.</p> | <p>4 ABCD is a square whose side is 12 units. Find the length of diagonal AC to the nearest tenth.</p> |
| <p>5 ABCD is a rectangle whose perimeter is 14. The length of AB is 4. AC is diagonal, find the angle ACB?</p> | <p>6 In a right triangle normal is 10 cm and given angle is 40°. Find the value of base?</p> |
| <p>7 In a right triangle normal is 25 cm, hypotenuse is 30. Find the value of base?</p> | <p>8 A Stick leans against a wall. The foot of the stick is 10 feet from the wall. The ladder reaches a height of 14 feet on the wall. Find the length of the stick?</p> |
| <p>9 From a point on the ground 25 feet from the foot of a tree, the angle of elevation of the top of the tree is 50°. Find the height of the tree.</p> | <p>10 ABCD is a square whose side is 15 units. Find the length of diagonal AC to the nearest tenth.</p> |

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| Circle # Correct | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Percentage Score | 0% | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% |