

5. The diagonal of a rectangle is 20 in. The width is 15 inches. What is the length?

6. Two sides of a right triangle are 7 and 12. Find the hypotenuse.

7. A baseball diamond is a square that is 80 feet on each side. What is the distance a catcher has to throw the ball from home to second base?

8. Diago leaves the house to go to school. He walks 120m west and 100m north. How far away is he from his starting point? (the diagonal)

9. A park is in the shape of a rectangle 9 miles long and 6 miles wide. How much shorter is your walk if you walk diagonally across the park than along the two sides of it?