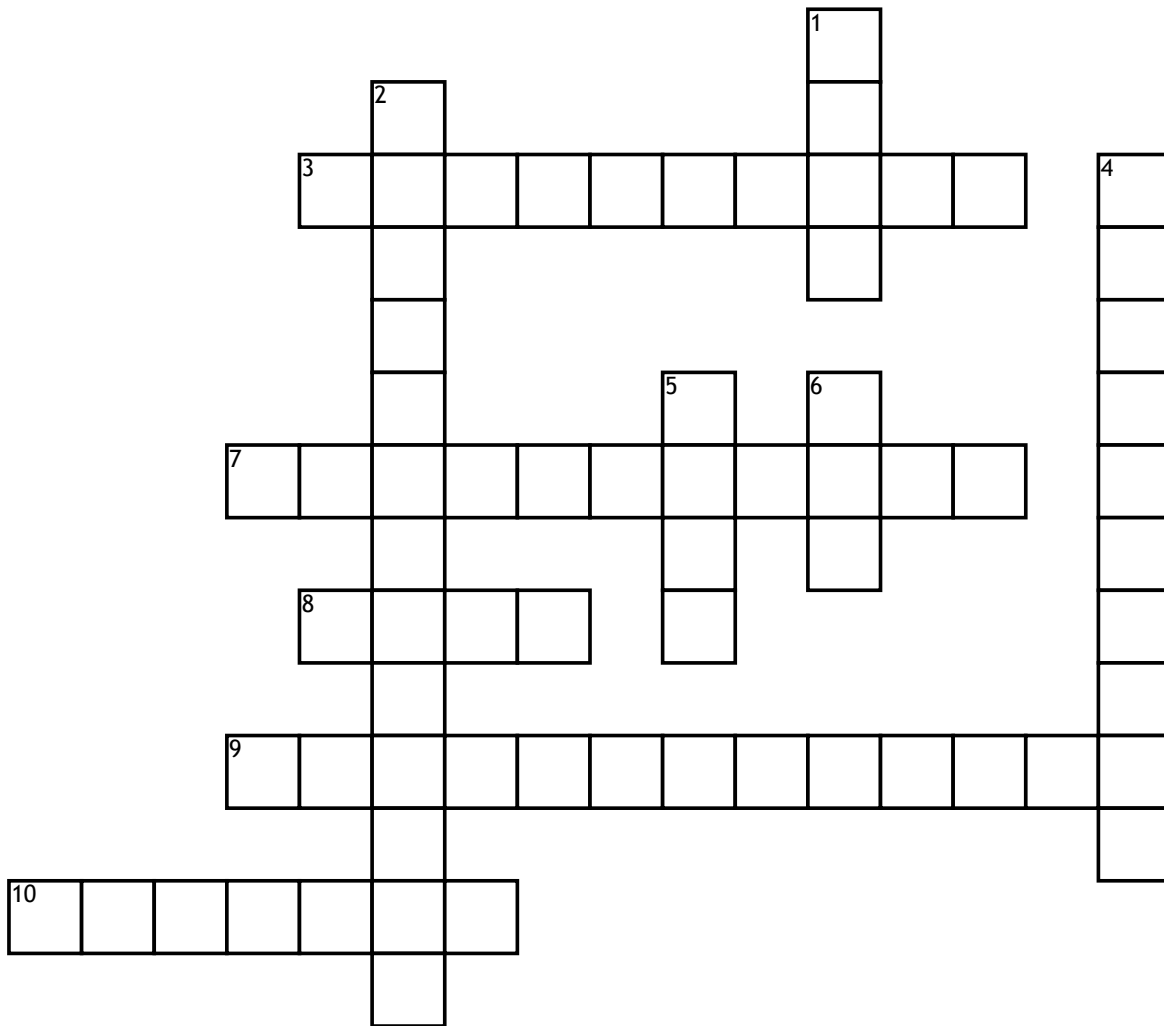


Pythagorean Theorem Crossword Puzzle



Across

3. Angle that is 90 degrees
7. The square of the hypotenuse is equal to the sum of the square of other 2 sides
8. To complete the Pythagorean triple what would the hypotenuse be of a triangle with side measurements of 3 and 4
9. the little box at the bottom of a right triangle measures what
10. $a^2+b^2=c^2$ is a

Down

1. sides a and b on the triangle are called...

2. A triangle that has an angle measurement of 90 degrees is called a

4. longest side of a right triangle

5. Oscar's dog house is shaped like a tent. The slanted sides are both 5 feet long and the bottom of the house is 6 feet long across. What is the height of his dog house, in feet at its tallest point? (hint draw a picture)

6. John leaves school to go home. He walks 6 blocks north and then 8 blocks west. How far is john from the school? (Hint draw a picture)