



Geometry Quest (Written Answer)


Grade 3


Name: _____


Solve each geometry word problem.

Read carefully! It could be about area, perimeter, circles, or angles.

Example: Perimeter = $4 \times 10 = \underline{40 \text{ m}}$

(1) A rectangle has a length of 9 meters and a width of 5 meters. What is its perimeter? 

(2) A square garden has sides that are each 7 feet long. What is the total area of the garden? 

(3) A shape has 4 sides, where opposite sides are equal in length and all angles are right angles. What is this shape called? 



(4) How many sides does a hexagon have? 🐝

(5) If you tile a floor with square tiles that are 1 foot by 1 foot, and the floor is 8 feet long and 6 feet wide, how many tiles do you need? 🧩

(6) What is the name of a polygon with 8 sides? 🐙

(7) A triangle has three angles. If two angles are 40 degrees and 60 degrees, what is the measure of the third angle? ▲



(8) A quadrilateral is a polygon with how many sides? ◆

