

Geometry in God's Creation

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5th Grade Math Practice

Name: _____

Date: _____

Solve each problem. Show your work when needed.

1. What is the area of a rectangle with a length of 8 cm and a width of 5 cm?

2. A triangular garden has a base of 10 m and a height of 6 m. What is the area of the garden?

3. Circle the greater number: the area of a square with a side of 4 cm or the area of a rectangle with length 5 cm and width 6 cm.

4. What number comes next in this pattern of shapes? Circle, Square, Triangle, Circle, Square, _____

5. A cube has 6 faces. True or False?

True False

6. Calculate the perimeter of a rectangle with lengths of 7 m and widths of 3 m.

7. If a circle has a radius of 3 cm, what is the circumference? (Use $\pi = 3.14$)

8. Identify the shape with more sides: a pentagon or a hexagon.

9. How many degrees are in a right angle? _____ degrees

10. All rectangles are squares. True or False?

True False

11. If you have 2.5 meters of ribbon and you need to cut it into pieces of 0.5 meters each, how many pieces can you make?

12. What is $\frac{1}{2} + \frac{1}{4}$?

13. A garden is shaped like a rectangle with a length of 12 ft and a width of 4 ft. What is the volume of soil needed if the garden is 2 ft deep?

14. Circle the shape that has 4 equal sides: Rectangle, Square, Triangle.

15. If a triangular shape has angles of 45 degrees and 45 degrees, what is the measure of the third angle? ____ degrees

Answer Key

1. 40 2. 30 3. 30 4. Triangle 5. True 6. 20 7. 18.84 8. Hexagon 9. 90 10. False 11. 5 12. 3/4 13. 96 14. Square 15. 90