

Lines and Angles in Geometry

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4th Grade Math Practice

Name: _____

Date: _____

Solve each problem. Show your work when needed.

1. Calculate the area of a rectangle with a length of 8 units and a width of 5 units.
2. A fence is made of two parallel lines that are 10 meters apart. If one line is 30 meters long, how long is the other line?

3. Circle the type of line that intersects at right angles: Parallel or Perpendicular
4. If one angle is 90 degrees, what is the complementary angle?

5. Parallel lines can meet at some point. (True/False)
 True False
6. If a rectangle has a length of 12 cm and a width of 3 cm, what is its area?
7. Two streets run parallel to each other. If one street is 50 meters long, what is the total length of both streets?

8. A carpenter cuts two pieces of wood, one at a 90-degree angle and the other at a 45-degree angle. How many degrees difference between the two angles?

9. What is 144 divided by 12?
10. What number comes next? 90, 180, _____
11. A square has sides of 4 cm. What is the area of the square?

12. Circle the greater angle: 45 degrees or 90 degrees
13. What is 6 multiplied by 7?
14. Two lines that are parallel will intersect at some point. (True/False)
 True False
15. If a rectangle has a width of 4 units and a length that is double the width, what is the length?

Answer Key

1. 40 2. 30 3. Perpendicular 4. 90 5. False 6. 36 7. 100 8. 45 9. 12 10. 270 11. 16 12. 90 degrees 13. 42 14. False 15. 8