

Lines and Angles in Geometry

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4th Grade Math Practice

Name: _____

Date: _____

Solve each problem. Show your work when needed.

1. What is 36×4 ?

2. Two lines intersect and form an angle of 45 degrees. What is the measure of the vertical angle?

3. Circle the greater angle: 75 degrees or 60 degrees

4. What number comes next? 90, 180, 270, _____

5. Vertical angles are always equal in measure. True or False?

True False

6. What is $125 \div 5$?

7. A pair of intersecting lines creates one angle of 110 degrees. What is the measure of the adjacent angle?

8. If one angle measures 30 degrees and the other angle formed by intersecting lines is 150 degrees, are they vertical angles?

9. Which angle is acute? 25 degrees, 90 degrees, or 120 degrees?

10. Complete the pattern of angles: 30, 60, 90, _____

11. What is 12×12 ?

12. If two angles are supplementary and one measures 85 degrees, what is the measure of the other angle?

13. All right angles are 90 degrees. True or False?

True False

14. What is $48 \div 6$?

15. A line is divided into four equal angles. What is the measure of each angle?

Answer Key

1. 144 2. 45 3. 75 4. 360 5. True 6. 25 7. 70 8. No 9. 25 10. 120 11. 144 12. 95 13. True 14. 8 15. 90