

Angle Relationships and Patterns

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4th Grade Math Practice

Name: _____

Date: _____

Solve each problem. Show your work when needed.

1. If one angle measures 30 degrees, what is the measure of its complementary angle?
2. What are the measures of two angles that are supplementary if one angle is 110 degrees?
3. A right angle is 90 degrees. If one angle is 45 degrees, what is the measure of its complementary angle?

4. Two angles are supplementary. If one angle measures 85 degrees, what is the measure of the other angle?

5. Circle the greater angle: 40 degrees or 50 degrees
6. What number comes next? 30, 45, 60, ____
7. All complementary angles add up to 180 degrees.
 True False
8. If one angle measures 70 degrees, what is the measure of its supplementary angle?
9. Liam has an angle that measures 25 degrees. What is the measure of its complementary angle?

10. If two angles are supplementary and one measures 60 degrees, what is the measure of the other angle?

11. Which pair of angles are complementary? 30° and 60° or 45° and 45°
12. What number comes next? 10, 20, 30, ____
13. Supplementary angles can be equal.
 True False
14. Two angles measure 90 degrees total. If one angle is 20 degrees, what is the other angle?
15. A straight angle measures 180 degrees. If one angle measures 130 degrees, what is the measure of the other angle?

Answer Key

1. 60 2. 70 3. 45 4. 95 5. 50 6. 75 7. False 8. 110 9. 65 10. 120 11. 30° and 60° 12. 40 13. True 14. 70 15. 50