

Angle Basics and Measurement Practice

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4th Grade Math Practice

Name: _____

Date: _____

Solve each problem. Show your work when needed.

1. $45^\circ + 30^\circ = \underline{\hspace{2cm}}$

2. $90^\circ - 25^\circ = \underline{\hspace{2cm}}$

3. If one ray of an angle measures 50° and the other measures 30° , what is the total angle measurement?

4. Circle the greater angle: 120° or 135°

5. What is the measure of a right angle? $\underline{\hspace{2cm}}^\circ$

6. An angle can measure more than 360°

True False

7. A straight angle measures $\underline{\hspace{2cm}}^\circ$

8. If a rotation starts at 0° and turns 90° , what is the new angle?

9. A clock shows 3:00. What is the angle between the hour and minute hand?

10. If an angle measures 150° , what is the complementary angle?
 $\underline{\hspace{2cm}}^\circ$

11. A triangle has one angle measuring 60° . If the other angle measures 80° , what is the third angle?

12. Circle the smaller angle: 45° or 60°

13. The measure of an acute angle is less than $\underline{\hspace{2cm}}^\circ$

14. If one ray of an angle extends 5 cm and the other extends 12 cm, what is the length of the angle's arms in total? $\underline{\hspace{2cm}}$ cm

15. A rotation of 270° is equivalent to how many degrees in a full rotation? $\underline{\hspace{2cm}}^\circ$

1.75 2.65 3.80 4.135 5.90 6.False 7.180 8.90 9.90 10.30 11.40 12.45 13.90 14.17 15.270