

# Triangle Classification and Measurement Practice

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4th Grade Math Practice

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Solve each problem. Show your work when needed.

1. If a triangle has angles measuring  $30^\circ$ ,  $60^\circ$ , and  $90^\circ$ , classify it.
2. A triangle has angles of  $45^\circ$ ,  $45^\circ$ , and  $90^\circ$ . What type of triangle is it?
3. Find the missing angle in a triangle if the other two angles are  $70^\circ$  and  $60^\circ$ .
4. Liam measured one angle of a triangle at  $100^\circ$ . What type of triangle is it?  
\_\_\_\_\_
5. A triangle has angles measuring  $20^\circ$  and  $30^\circ$ . What is the third angle?  
\_\_\_\_\_
6. Circle the greater angle:  $80^\circ$  or  $95^\circ$
7. What angle comes next in this sequence?  $30^\circ$ ,  $60^\circ$ , \_\_\_\_\_
8. All angles in an acute triangle are less than  $90^\circ$ .  
 True  False
9. If one angle of a triangle is  $45^\circ$ , and another is  $45^\circ$ , what is the third angle?
10. Maria has a triangle with angles of  $30^\circ$  and  $70^\circ$ . What type of triangle is it?  
\_\_\_\_\_
11. Ben has a triangle with angles measuring  $110^\circ$  and  $40^\circ$ . What type of triangle is it?  
\_\_\_\_\_
12. If a triangle has one angle measuring  $90^\circ$  and another measuring  $45^\circ$ , what is the last angle?
13. Circle the greater number of acute angles:  
 2  or  3
14. What is the sum of angles in a triangle? \_\_\_\_\_

15. An obtuse triangle has two angles greater than  $90^\circ$ .

True  False

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**Answer Key**

1. Right triangle 2. Right triangle 3.  $50^\circ$  4. Obtuse triangle 5.  $130^\circ$  6.  $95^\circ$  7.  $90^\circ$  8. True 9.  $90^\circ$  10. Acute triangle 11. Obtuse triangle 12.  $45^\circ$  13. 3 14.  $180^\circ$  15. False