

Chapter 10 407



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1. Name the triangle at the right. Write *equilateral, isosceles,* or *scalene.*

Think: How many equal sides does the triangle have?



Name the triangle. Write *equilateral, isosceles,* or *scalene*.



On Your Own

Name the triangle. Write equilateral, isosceles, or scalene.



Name the triangle by the lengths of its sides. Write *equilateral, isosceles,* or *scalene.*

- **8.** 12 inches, 12 inches, 12 inches
- **10.** 9 inches, 5 inches, 7 inches

- 9. 4 inches, 6 inches, 6 inches
- **11.** 14 inches, 7 inches, 14 inches

Problem Solving • Applications

- **12. ITHINK SMARTER** The American crocodile's head appears to be shaped like a triangle. Classify the shape of the head by the lengths of its sides. Write *isosceles, scalene,* or *equilateral*.
- **13.** *THINK SMARTER* How are an equilateral triangle and a scalene triangle alike? How are they different? Explain your answer.
- **14. GODEEPER** I am a triangle. Two of my sides are 5 inches long. My third side is less than 5 inches. None of my angles are right angles. What two names do I have?
- **15.** Mathematical **6** Explain how a triangle can be isosceles and obtuse.

- **16.** *THINKSMARTER* Select the lengths that identify a scalene triangle. Mark all that apply.
 - A 2 inches, 2 inches, 3 inches
 - **B** 3 meters, 4 meters, 5 meters
 - C 6 feet, 6 feet, 6 feet
 - **D** 10 meters, 7 meters, 5 meters
 - (E) 8 feet, 3 feet, 8 feet

WRITE Math Show Your Work



MATHEMATICAL PRACTICES