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## Practice A

For use with pages 543-549

## Decide whether the numbers can represent the side lengths of a

 triangle.1. $5,4,3$
2. $5,6,7$
3. $5,5,10$
4. $5,10,10$
5. $5,10,15$
6. $5,15,15$

## Tell whether the triangle is a right triangle.

7. 


8.

10.

11.

12.


Classify the triangles with the given side lengths as right, acute, or obtuse.
13. $6,8,10$
14. $6,6,10$
15. $6,10,10$
16. $\sqrt{6}, \sqrt{8}, \sqrt{10}$
17. $0.6,0.8,1.0$
18. $7,9,11$

Classify the quadrilateral. Explain how you can prove that the quadrilateral is that type.
19.

20.

21.



