Name _____

Can You Draw Me?

E 6-5
REASONING

Is it possible to draw the triangles described? Answer by writing *possible* or *impossible*.

1. An equilateral triangle with sides measuring 8 cm, 9 cm, and 10 cm

_____

2. A scalene triangle with sides measuring 7 in., 7 in., and 8 in.

_____

3. An acute triangle with angles measuring 60°, 62°, and 58°

_____

4. An obtuse triangle with angles measuring 45°, 89°, and 46°

_____

5. An isosceles triangle with sides measuring 16 ft, 20 ft, and 22 ft.

_____

6. A right triangle with angles measuring 35°, 78°, and 67°

_____

7. An isosceles, right triangle with angles measuring 45°, 90°, and 45°, and with sides measuring 5 cm, 6 cm, and 5 cm

_____

8. An obtuse, right triangle

_____

9. An obtuse, scalene triangle

_____