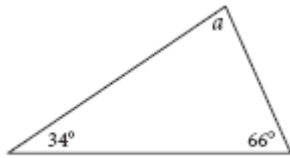**Name** _____ **Period** _____ **Date** _____
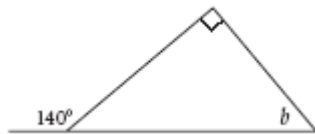
In Problems 1–4, find the missing measurements

1. $a =$ _____

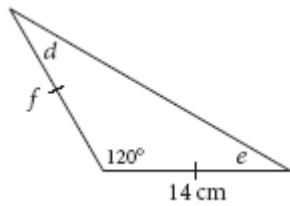**2.** $b =$ _____

3. $d =$ _____
           $e =$ _____
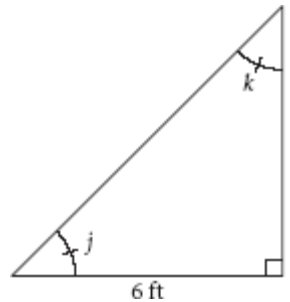 $f =$ _____

4. $j =$ _____
           $k =$ _____
           $l =$ _____

In Problems 5–7, tell whether it is possible to draw a triangle with the given side lengths.

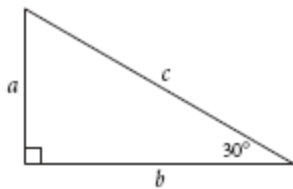**5.**   3 in., 4 in., 5 in.

6.   1 cm, 7 cm, 8 cm

7.   3 ft, 5 ft, 9 ft

In Problems 8–10, arrange the letters in order from greatest value to least value.
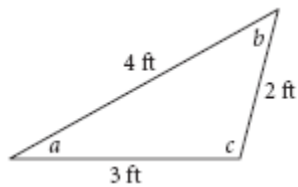
8.

9.

10.

11. What are the coordinates of the centroid of △DEF?