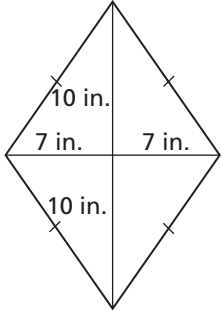


11.3 Notetaking with Vocabulary (continued)

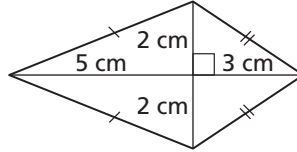
Extra Practice

In Exercises 1 and 2, find the area of the kite or rhombus.

1.



2.



3. Find the measure of a central angle of a regular polygon with 8 sides.

4. The central angles of a regular polygon are 40° . How many sides does the polygon have?

5. A regular pentagon has a radius of 4 inches and a side length of 3 inches.
 - a. Find the apothem of the pentagon.

 - b. Find the area of the pentagon.

6. A regular hexagon has an apothem of 10 units.
 - a. Find the radius of the hexagon and the length of one side.

 - b. Find the area of the hexagon.