Name_____   Date_____
Geometry Area Unit Review   Period_____
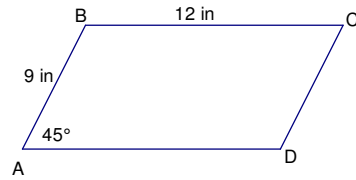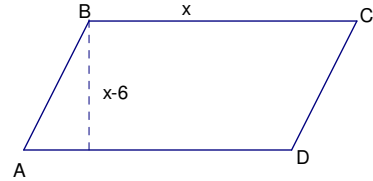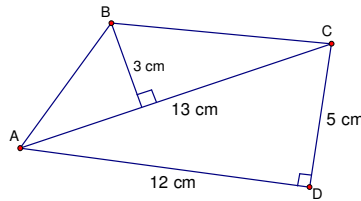
1. Find the area of parallelogram $ABCD$ to the nearest tenth.

B   12 in   C

9 in

45°

A   D

2. The area of parallelogram $ABCD$ is 187 square units. Find the lengths of the height and the base. Round to the nearest tenth.

B   x   C

x-6

A   D

3. Find the area of quadrilateral $ABCD$

B

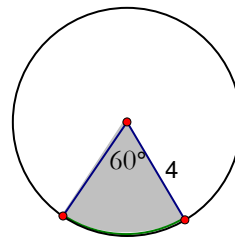3 cm

13 cm

C

A   5 cm

12 cm   D

4. Rhombus $ABCD$ has an area of 126 square units. If $DB = 18$, find AC
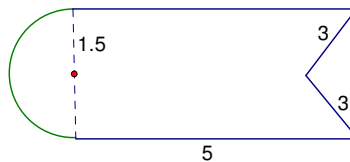
5. Find the area of an equilateral triangle with a side length of 12 centimeters. Round to the nearest tenth.

6. Find the area of an octagon with a perimeter of 80 inches. Round to the nearest tenth.
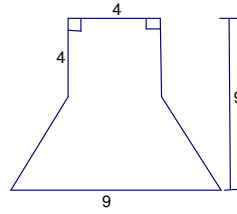
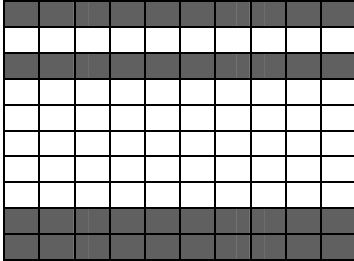7. Find the area of the shaded region to the nearest tenth.

60°   4

8. Find the area of the figure to the nearest tenth.

1.5   3

3

5

9. Find the area of the figure to the nearest tenth.

10. Find the probability that a point selected at random lies in the shaded region.

11. Find the probability that a point selected at random lies in the shaded region.