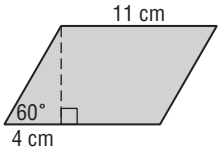
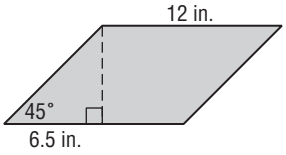
For Question 1 and 2, find the area of each parallelogram. Round to the nearest tenth if neccessary.

1.



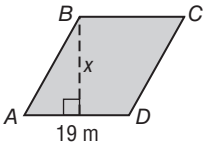
2.



1. _____

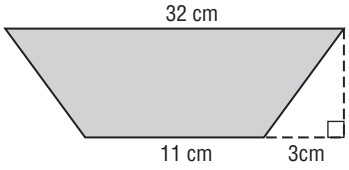
2. _____

3. If the area of parallelogram *ABCD* is 570 square meters, find the height.



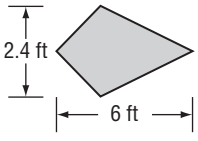
3. _____

4. Find the area of the trapezoid.



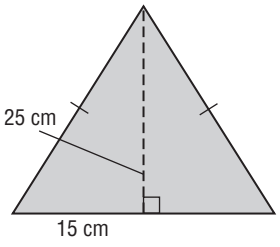
4. _____

5. Find the area of the kite.



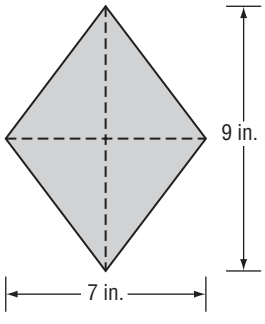
5. _____

6. Find the area of the triangle.



6. _____

7. Find the area of the rhombus.



7. _____

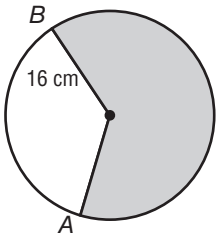
8. Find the area of a square with apothem length of 3 inches. Round to the nearest tenth.

8. _____

9. Find the area of a regular hexagon with a side length of 15 centimeters. Round to the nearest tenth.

9. _____

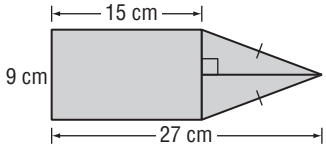
10. If $m\overset{\frown}{AB} = 105$, find the area of the shaded sector. Round to the nearest tenth.



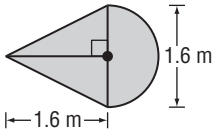
10. _____

For Questions 11 and 12, find the area of each figure. Round to the nearest tenth if necessary.

11.



12.



11. _____

12. _____

13. The height of a triangle is 4 meters more than its base. If the area of the triangle is 160 square meters, find its base and height.

13. _____

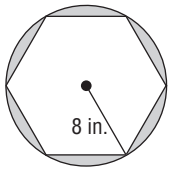
14. The area of a rhombus is 337.5 square millimeters. If one diagonal is three times as long as the other, what are the lengths of the diagonals?

14. _____

15. The area of a circle is 254.5 square feet, what is the diameter?

15. _____

18. Find the area of the shaded region to the nearest tenth. Assume that the hexagon is regular.



18. _____