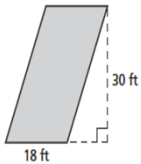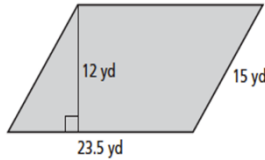# 4.1 to 4.3 Handout

Solve the problems on another piece of paper by making boxes. Please show your work like we have been doing in class. For the word problems, please put your answer in a complete sentence.

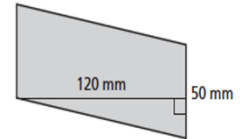Find the area of the parallelogram.
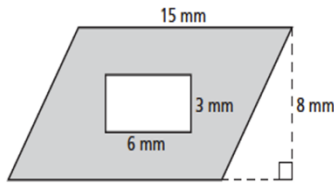
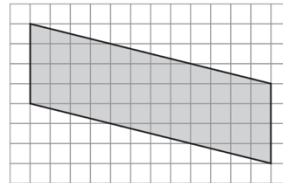1.   2.   3.

| 30 ft | 12 yd | 15 yd | 120 mm | 50 mm |
| 18 ft | 23.5 yd | | | |

Find the area of the shaded region.   Find the area of the figure.

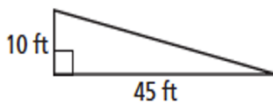4.   5.

15 mm
3 mm   8 mm
6 mm

6. A billboard is in the shape of a parallelogram. The billboard has a base of 48 feet and a height of 14 feet. Find the area of the billboard.
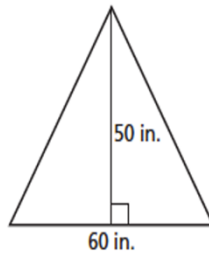
7. A sign is in the shape of a triangle with a base of 12 inches and a height of 8 inches. Find the area of the sign.
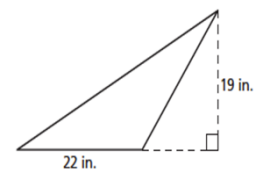
Find the area of the figure.

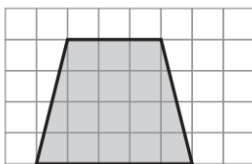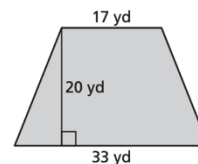8.   9.   10.

10 ft
45 ft

50 in.
60 in.

19 in.
22 in.

Find the area of the trapezoid.

11.   12.

17 yd
20 yd
33 yd

13.

3.6 cm

7 cm

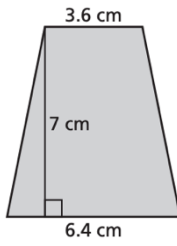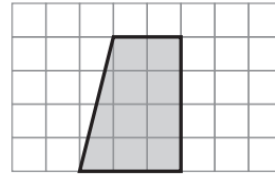6.4 cm

14.

15. A rearview mirror is in the shape of a trapezoid that is 11 inches long across the bottom, 9 inches long across the top, and 3 inches high. What is the area of the rearview mirror?

16. Find the area of the trapezoid with height h and bases b_1 and b_2

   h = 22 m
   b_1 = 9.3 m
   b_2 = 10.7 m