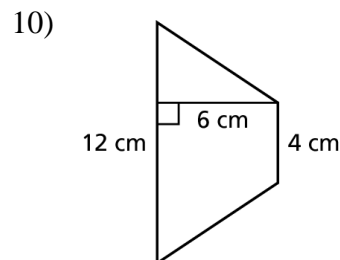
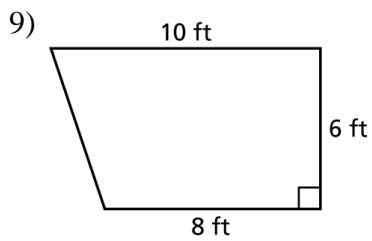
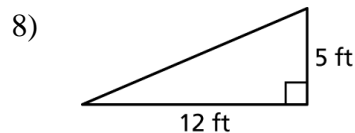
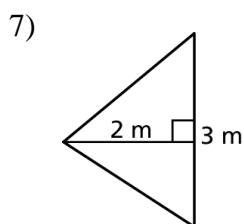
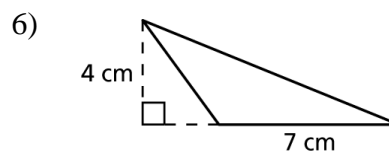
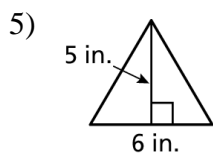
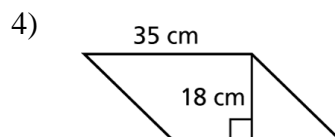
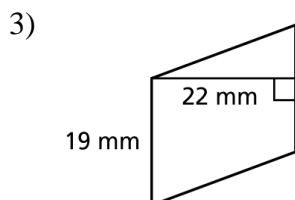
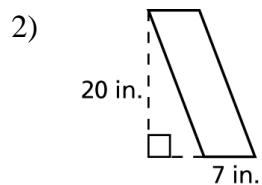
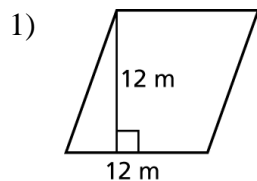


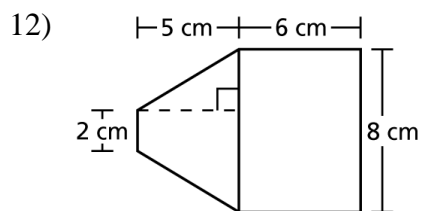
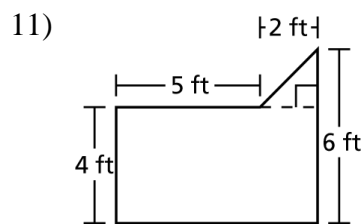
Name _____ Date _____

Geometry – Area of Polygons

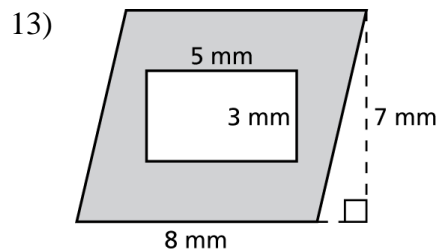
Find the area of each polygon. Show all necessary work.



Find the area of the figure. Show all work.



Find the area of the shaded region.



Complete the following.

14) The area of a parallelogram is 54 m^2 . What is the measure of its base if the height of it is 6 m.

15) The area of a triangle is 54 m^2 . What is the measure of its base if the height of it is 6 m.

16) The area of a trapezoid is 126 m^2 . What is the measure of its height if the measures of its bases are 6m and 12 m.

17) The area of a trapezoid is 9 m^2 and its height is 3 m. If one of the bases has a measure of 2 m, what is the measure of the other base?