Answers

Name

Date

## Geometry – Area of Parallelograms and Triangles

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





Complete the following.

11) The area of a parallelogram is  $54 \text{ m}^2$ . What is the measure of its base if the height of it is 6 m.



A sign is in the shape of a triangle with a base 13)of 12 inches and a height of 8 inches. Find the area of the sign.

A=1th = 1/2×8 = + x 96



The area of a triangle is  $54 \text{ m}^2$ . What is the 12)measure of its base if the height of it is 6 m.

> A=5bh 54= = x b x 6 77= 3×6

You live on a triangular piece of land with a 14)base of 121 yards and a height of 80 yards. One acre of land is equal to 4840 square yards. Find the area of your piece of land in acres.

A=ちちん  $A = \frac{1}{2} \times \frac{121}{80}$  $A = \frac{1}{2} \times \frac{9680}{100}$ A = 4840 yd 2

=//acre