



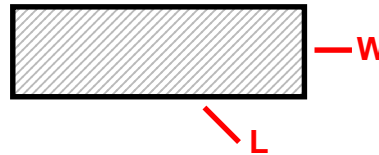
Math Study Strategies

Areas

The **area** of a figure is the number of square units enclosed by the figure. It is measured in square units. (ex. square in, square ft, m², cm², etc.) The following formulas are used:

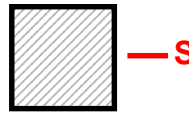
Area of a rectangle

A = L x W
(L= length W= width)



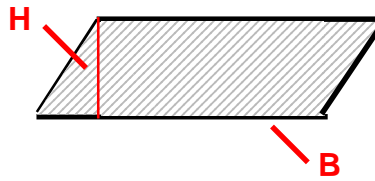
Area of a square

A = S²
(S= side)



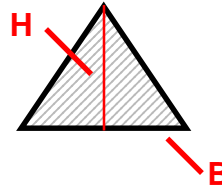
Area of a parallelogram

A = B x H
(B= base H= height)



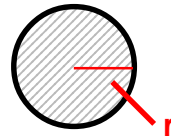
Area of a triangle

A = .5 x B x H
(B= base H= height)



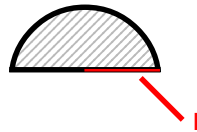
Area of a circle

A = πr²
(r= radius)



Area of a half circle

A = (πr²) ÷ 2
(r= radius)



Key words for **area** in word problems:

