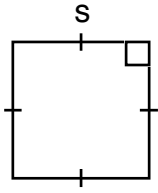
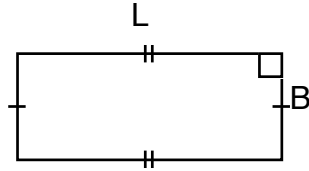


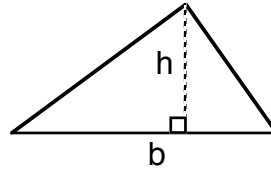
Area and Volume



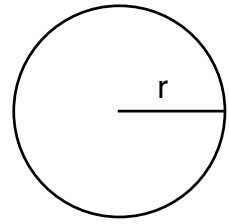
square
 $A = s \times s$



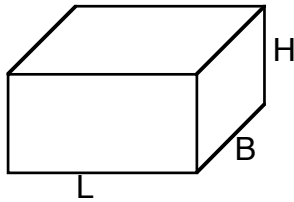
rectangle
 $A = L \times B$



triangle
 $A = \frac{1}{2} \times b \times h$



circle
 $A = \pi \times r \times r$
 or
 $A = \pi r^2$

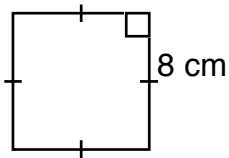


rectangular prism
 $V = L \times B \times H$

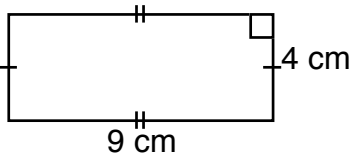
Other Prisms
 $V = A \times h$

1) Find the area

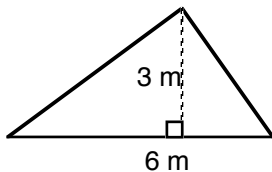
a)



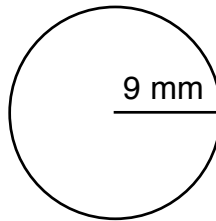
$A =$ (formula)
 $=$ (substitute)
 $=$ (answer)



$A =$ (formula)
 $=$ (substitute)
 $=$ (answer)

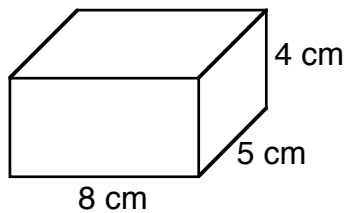


$A =$ (formula)
 $=$ (substitute)
 $=$ (answer)



$A =$ (formula)
 $=$ (substitute)
 $=$ (answer)

2)

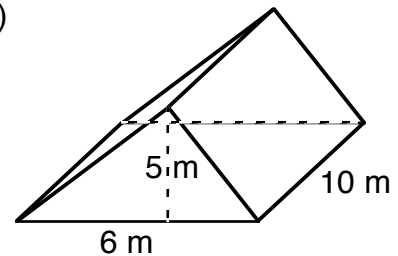


a) Find the volume

$A =$ (formula)
 $=$ (substitute)
 $=$ (answer)

b) Find the surface area (i.e. add all 6 faces together)

3)



a) Find the area of the triangle at the front.

$A =$ (formula)
 $=$ (substitute)
 $=$ (answer)

b) Use your answer from part a to find the volume of the prism.

$A =$ (formula)
 $=$ (substitute)
 $=$ (answer)