

Please complete the following problems for homework. Check Mrs. Kent's website for due dates.  
THERE MAY BE PROBLEMS ON THE BACK!

1. Find the area and perimeter of a square if the length of each side is:

a.  $x$

b.  $6x$

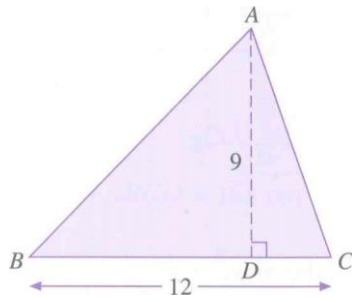
2. Find the area and perimeter of a rectangle if the length and width are:

a.  $9\text{ cm}$  and  $(2x + 3)\text{ cm}$  respectively

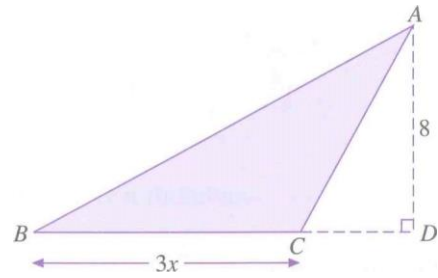
b.  $3x\text{ cm}$  and  $(4x - 5)\text{ cm}$  respectively

3. Find the area of  $\triangle ABC$  in each of the following figures.

a.

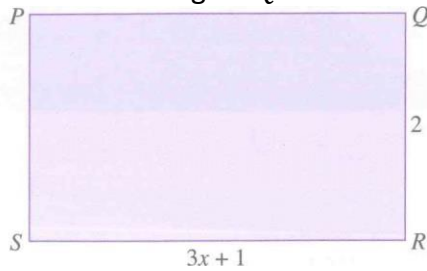


b.



4. Find the value of  $x$  in each figure using the diagram and given information.

a. The area of Rectangle  $PQRS$  is 50.



b. The Perimeter of  $\triangle XYZ$  is 98.

