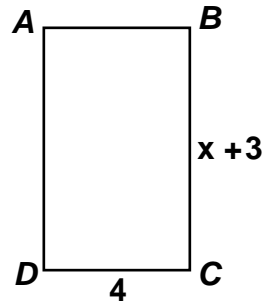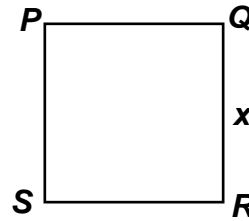**ANSWERS**

A) _____ units

B) _____

C)   (_____ , _____)

A) Square *PQRS* has the same area as rectangle *ABCD*.
   Compute the perimeter of rectangle *ABCD*.

B) You run the 100 yard dash in *N* seconds, where *N* is an integer.
   Suppose you could keep up this pace for one mile. Compute the largest value of *N*
   which allows you to break the 4 minute mile and join the ranks of Roger Bannister and other
   world-class runners who have accomplished this incredible feat.

   Recall: 1 mile equals 5280 feet

C) For a real constant c, the straight line defined by $\frac{x}{3} + \frac{y}{4} = c$ has intercepts that are 7.2 units apart.

   Compute the coordinates of the intercept farthest from the origin.