Fun Word Problems Sheet Nine
You must get all parts of a problem correct to get the point, so be careful and check your work!

1. Find the perimeter of a rectangle whose length is one more than twice its width, and its width is:

   (a) 3 feet

   (b) 5 feet

   (c) 2 feet

   (d) 7 inches

   (e) x feet   (please simplify by combining like terms)

2. Find the area of a rectangle whose width 3 more than one-half of its length and its length is:

   (a) 6 feet

   (b) 10 inches

   (c) 18 feet

   (d) 7 inches

   (e) x inches   (no need to simplify)

3. Find the new price of a shirt if it is on sale for 10% off and the old price was:

   (a) $10

   (b) $30

   (c) $25

   (d) $17

   (e) $$x$ (please simplify by combining like terms)

4. Find the volume of pure anti-freeze in the radiator coolant solution if the solution is 40% anti-freeze and the volume of the solution is:

   (a) 2 liters

   (b) 3 liters

   (c) 1 gallon

   (d) 7 pints

   (e) x liters

5. Find the total distance traveled if you drive at 70 mph for 1 hour longer than you drive at 60 mph and you drive at 60 mph for:

   (a) 1 hour

   (b) 2 hours

   (c) 3.5 hours

   (d) 30 minutes

   (e) x hours   (please simplify by combining like terms)