

## Quiz 3

Name:

Perm Number:

1) Substitute  $x = kt + p$  into

$$x^2 - 2px + 7$$

Simplify the result as much as possible.

When you're done, write the result of this simplification here -----&gt;

2) Find the equation of a line with slope  $m = 4$  and  $y$ -intercept  $b = -7$ . $y =$

3) Find the equation of a line with slope  $m = -10$  passing through the point  $(-8, -9)$ .

$y =$

4) Find the point where the lines with equations  $y = 4x - 12$  and  $y = -2x + 6$  cross.