

Quiz 3

Name:

Perm Number:

1) Write the following fraction as a mixed number (that is, a whole number and a simplified fraction less than 1).

$$\frac{766}{12}$$

2) 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 \longrightarrow

- 3) Find the equation of a line with slope $m = 3$ and y -intercept $b = -5$.

$y =$

- 4) Find the equation of a line with slope $m = 3$ passing through the point $(1, 6)$.

$y =$

- 5) Find the point where the lines with equations $y = 5x - 10$ and $y = -3x + 6$ cross.

$(x, y) =$