3. Use this line: 4x - 6y = 30

Write the equation of the line that is perpendicular to this line and passes through the point (7,-11)

Write the equation of the line that is perpendicular to this line and passes through the point (-3, 13)

4. Use this line: x = 9

Algebra 2 Bellwork
Tuesday, Sept. 23, 2014

For 1 and 2 use this line:

y = 4x + 3

1. Write the equation of the line that is parallel to this line and passes through the point (-1, 5)

2. Write the equation of the line that is perpendicular to this line and passes through the point (8, -2)

line and passes through the point
$$(7,-11)$$

$$= 3/2(\chi-7)$$

4. Use this line: x=9 Verhcal Line

Write the equation of the line that is perpendicular to this line and passes through the point (-3, 13)

Horisontal Line

a. Write a linear equation to model the amount of money the plumber charges as a function of the number of hours he spends making a repair.

b. Predict the cost for an 11 hour repair.

$$y = 35(11) + 50 = (4435)$$

c. How much time did the plumber work if the bill was \$242,50?