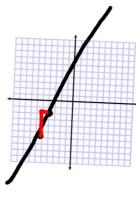
Algebra 1 4.2
Write an equation of a a line given a slope and a point
Write an equation of a line given two points

slope
y-intercept
linear equation
slope-intercept form
constraints
linear extrapolation

activity: speed dating

Whiteboards y = 4x + 14Write the equation of the line. b. (-4, -2) and (-5, -6) $m = 4 \quad u = 4x + R$



 $y = -3 \times + 9$ Write an equation of the line that passes through each pair of points.

$$M = \frac{-6}{2} = -3$$

$$3 = -3 \cdot 2 + B$$

$$3 = -6 + B$$

$$+6 + 6$$

$$9 = B$$

Speed dating

- Solve your problem.
 Check with me.
- 3. You are now the expert on this problem.
- 4. Wait for instructions.