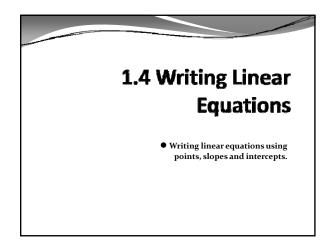
## 5 Minute Check 1.4

- 1. Graph the equation : 2x + y 4 = 0
- 2. Graph the equation 4x + 8y 16 = 0
- 3. Graph the equation y = -2/3x
- 4. Find the zeros of f(x) = 8x + 3
- 5. Find the x and y-intercepts of x + 2y 3 = 0



## Lesson 1.4

Writing Linear Equations
How do we write a linear
equation?

Vocabulary

- Model
- Point-slope form

## Writing equations of lines

- There are 2 common forms of equations of lines: slope-intercept and point-slope.
- Slope-intercept: y = mx + b
- Point-slope:  $y-y_1 = m(x-x_1)$

