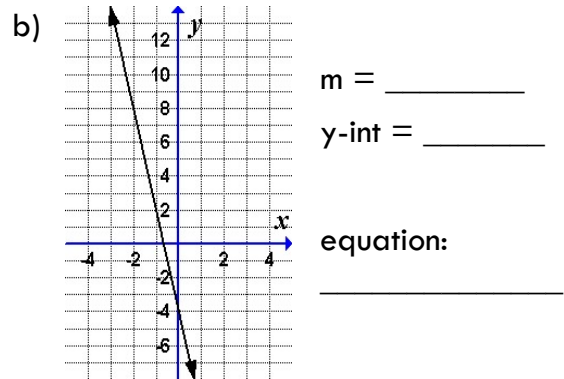
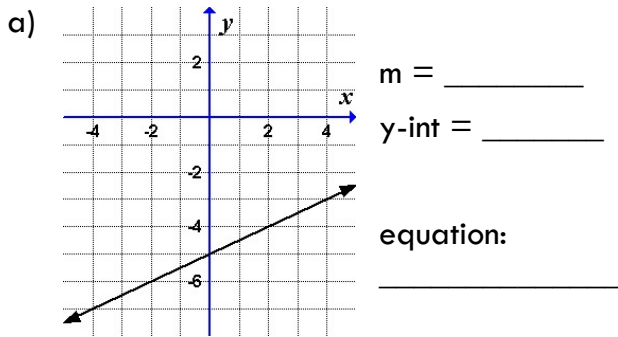


## Finding Equations of Lines – Practice

1. For each graph below, give i) the slope, ii) the y-intercept, and iii) the equation.



2. Use the given information to write the equation of each line in the form  $y = mx + b$ .

- |   |                 |
|---|-----------------|
| a) Slope = -3 and y-intercept = -2              | equation: _____ |
| b) $m = 4$ and $b = 3$                          | equation: _____ |
| c) parallel to $y = 3x - 5$ and y-intercept = 8 | equation: _____ |
| d) parallel to $y = 5$ and y-intercept = -3     | equation: _____ |

3. Use the given information to write the equation of each line.

- a) slope = -2, through the point (0, 0)
- 
- b)  $m = \frac{1}{3}$ , through the point (6, -2)
- 
- c)  $m = 4$ , through the point (4, 8)
- 
- d) passing through points (4, 3) and (2, 9)