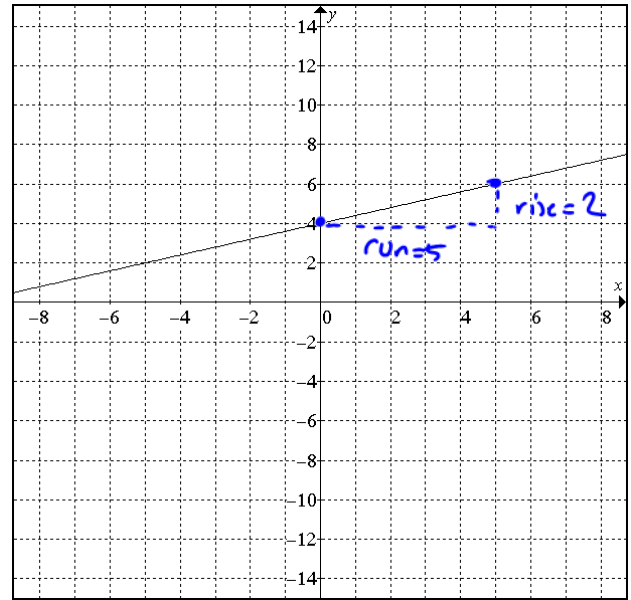
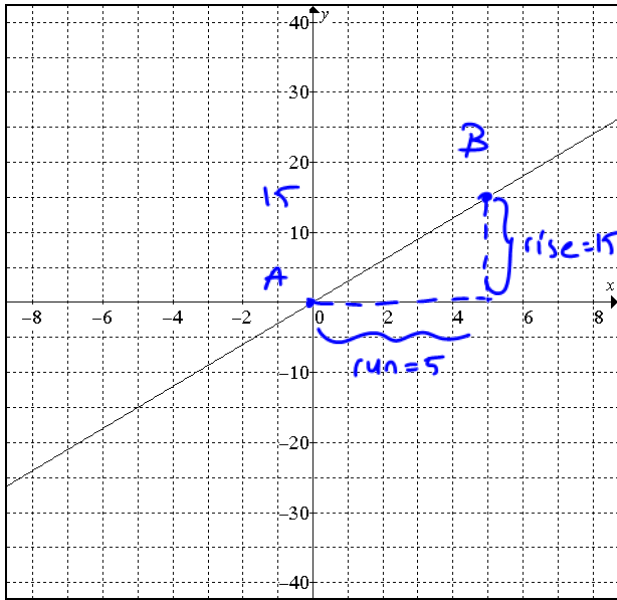


Mathematics 9  
 Finding m and b at Different Scales

Date:



$$m = \frac{15}{5} = 3$$

$$b = 0$$

1. Equation of line:

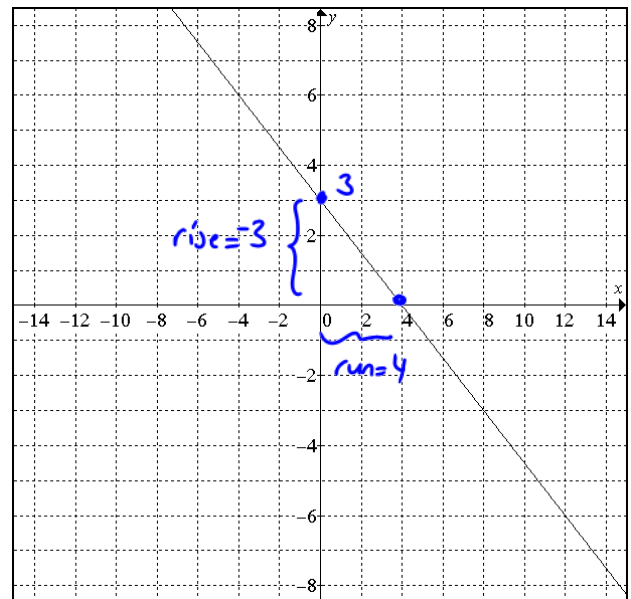
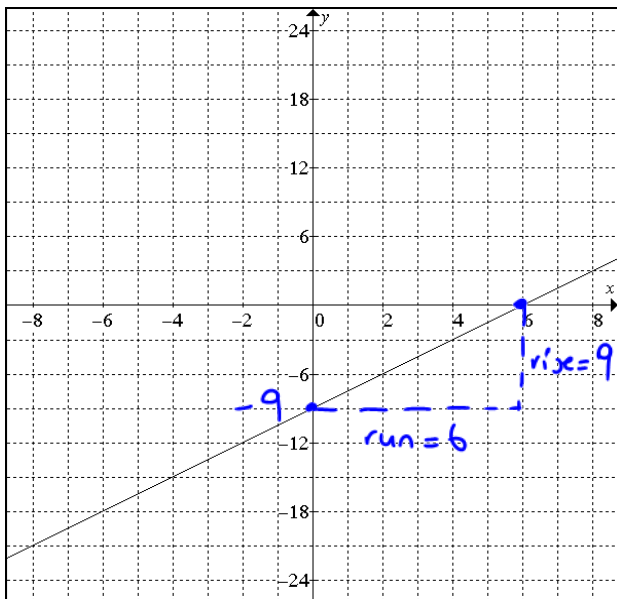
$$y = 3x$$

$$m = \frac{2}{5}$$

$$b = 4$$

2. Equation of line:

$$y = \frac{2}{5}x + 4$$



$$m = \frac{9}{6} = \frac{3}{2}$$

$$b = -9$$

3. Equation of line:

$$y = \frac{3}{2}x - 9$$

$$m = -\frac{3}{4}$$

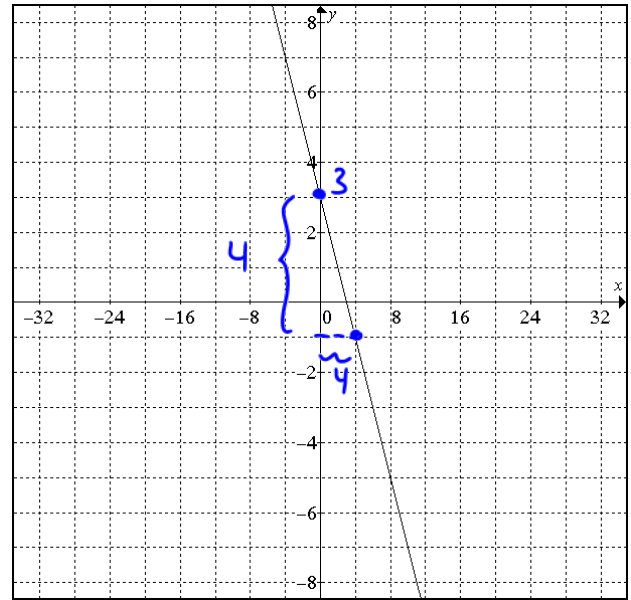
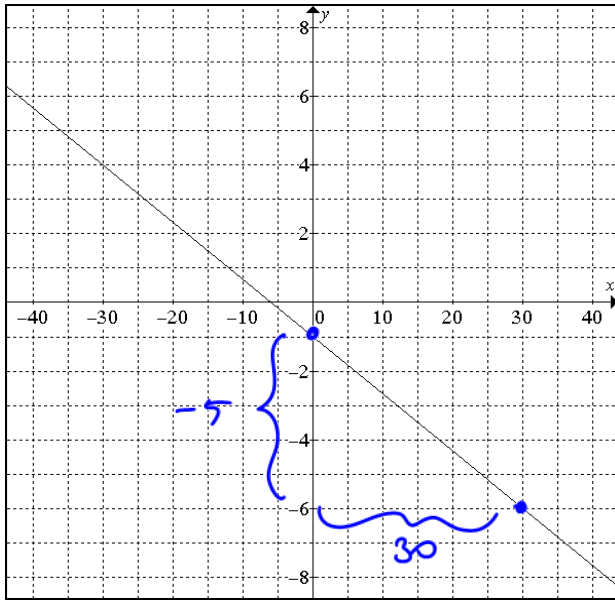
$$b = 3$$

4. Equation of line:

$$y = -\frac{3}{4}x + 3$$

Mathematics 9  
 Finding m and b at Different Scales

Date:

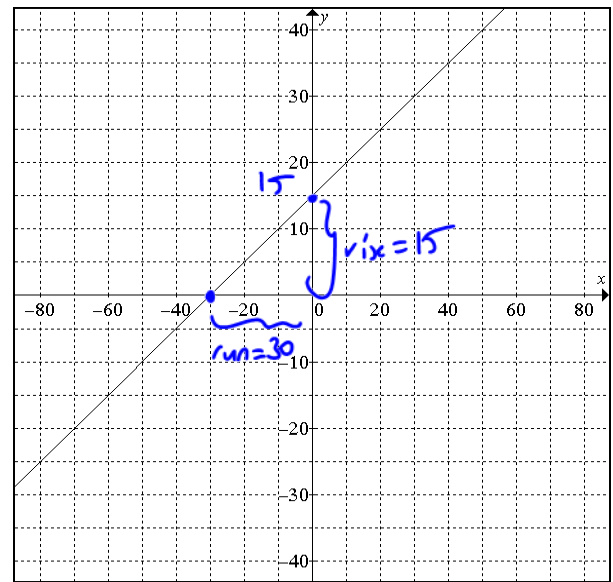
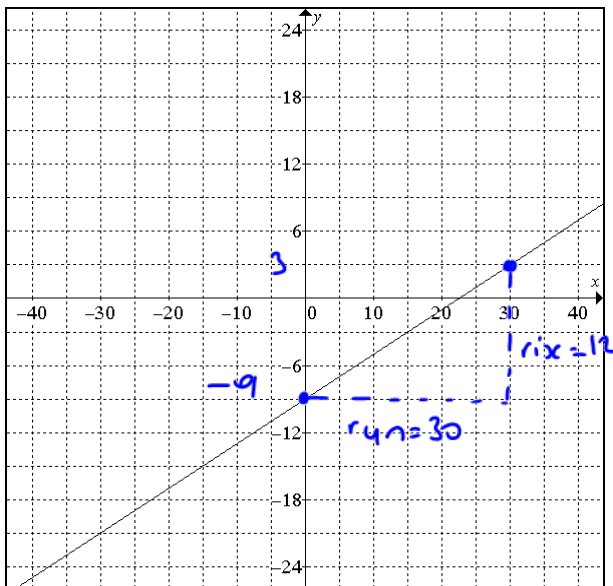


$m = \frac{-5}{30} = -\frac{1}{6}$        $b = -1$

$m = \frac{4}{4} = 1$        $b = 3$

5. Equation of line:  $y = -\frac{1}{6}x - 1$

6. Equation of line:  $y = x + 3$



$m = \frac{12}{30} = \frac{2}{5}$        $b = -9$

$m = \frac{15}{30} = \frac{1}{2}$        $b = 15$

7. Equation of line:  $y = \frac{2}{5}x - 9$

8. Equation of line:  $y = \frac{1}{2}x + 15$