# Activity 1.5.1: Slope of a Line

m=0

4.  $m = \frac{y_2 - y_1}{\checkmark}$ 

 $m = \frac{1}{x_2 - x_1}$   $m = \frac{0 - (-2)}{4 - 0}$   $m = \frac{2}{4}$   $m = \frac{1}{2}$ 

5.  $m = \frac{y_2 - y_1}{x_2 - x_1} \checkmark$   $m = \frac{-4 - 3}{-2 - (-2)} \checkmark$   $m = \frac{-7}{0} \checkmark$ 

 $m = undefined \checkmark$ 

Total points = 29

### ្ទឹA. Answers

$$m = \frac{y_2 - y_1}{x_2 - x_1}$$
 $m = \frac{3 - (-4)}{0 - (-2)}$ 
 $m = \frac{7}{2}$ 

2. 
$$m = \frac{y_2 - y_1}{x_2 - x_1} \checkmark$$

$$m = \frac{1 - 3}{2 - 0} \checkmark$$

$$m = \frac{-2}{2} \checkmark$$

3. 
$$m = \frac{y_2 - y_1}{x_2 - x_1} \checkmark$$

$$m = \frac{-3 - (-3)}{2 - (-3)} \checkmark$$

$$m = \frac{0}{5} \checkmark$$

- 1.  $m = -3 \checkmark$ , trend: decreasing  $\checkmark$
- 2.  $m = \frac{1}{4} \checkmark$ , trend: increasing  $\checkmark$
- 3. m =  $2\sqrt{}$ , trend: increasing  $\sqrt{}$
- 4.  $m = -2 \checkmark$ , trend: decreasing  $\checkmark$
- 5. m =  $0 \checkmark$ , trend: horizontal  $\checkmark$

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Total points = 29

m=0  $\checkmark$ 

4.  $m = \frac{y_2 - y_1}{\checkmark}$ 

5.  $m = \frac{y_2 - y_1}{x_2 - x_1} \checkmark$   $m = \frac{-4 - 3}{-2 - (-2)} \checkmark$   $m = \frac{-7}{0} \checkmark$ 

 $m = undefined \checkmark$ 

## ្ទឹA. Answers

$$m = \frac{y_2 - y_1}{x_2 - x_1} \checkmark$$

$$m = \frac{3 - (-4)}{0 - (-2)} \checkmark$$

$$m = \frac{7}{2} \checkmark$$

2. 
$$m = \frac{y_2 - y_1}{x_2 - x_1}$$

$$m = \frac{1 - 3}{2 - 0}$$

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

$$m = -1$$

3. 
$$m = \frac{y_2 - y_1}{x_2 - x_1} \checkmark$$

$$m = \frac{-3 - (-3)}{2 - (-3)} \checkmark$$

$$m = \frac{0}{5} \checkmark$$

- 1.  $m = -3 \checkmark$ , trend: decreasing  $\checkmark$
- 2. m =  $\frac{1}{4}$  , trend: increasing  $\checkmark$
- 3.  $m = 2 \sqrt{1}$ , trend: increasing  $\sqrt{1}$
- 4.  $m = -2 \checkmark$ , trend: decreasing  $\checkmark$
- 5. m =  $0 \checkmark$ , trend: horizontal  $\checkmark$

## Activity 1.5.1: Slope of a Line

Total points = 29

m=0

4.  $m = \frac{y_2 - y_1}{\checkmark}$ 

 $m = \frac{92 - 91}{x_2 - x_1}$   $m = \frac{0 - (-2)}{4 - 0}$   $m = \frac{2}{4}$ 

5.  $m = \frac{y_2 - y_1}{\checkmark}$ 

m =undefined  $\checkmark$ 

## ្ទឹA. Answers

In 
$$m=\frac{y_2-y_1}{x_2-x_1}$$
 of  $m=\frac{3-(-4)}{0-(-2)}$  of  $m=\frac{7}{2}$ 

2. 
$$m = \frac{y_2 - y_1}{x_2 - x_1} \checkmark$$
  
 $m = \frac{1 - 3}{2 - 0} \checkmark$   
 $m = \frac{-2}{2} \checkmark$   
 $m = -1 \checkmark$ 

3. 
$$m = \frac{y_2 - y_1}{x_2 - x_1} \checkmark$$

$$m = \frac{-3 - (-3)}{2 - (-3)} \checkmark$$

$$m = \frac{0}{5} \checkmark$$
B. Answers

### B. Answers

- 1.  $m = -3 \checkmark$ , trend: decreasing  $\checkmark$
- 2.  $m = \frac{1}{4} \checkmark$ , trend: increasing  $\checkmark$
- 3.  $m = 2 \checkmark$ , trend: increasing  $\checkmark$
- 4.  $m = -2 \checkmark$ , trend: decreasing  $\checkmark$
- 5. m =  $0 \checkmark$ , trend: horizontal  $\checkmark$

# Activity 1.5.1: Slope of a Line

Total points = 29

## a A. Answers

$$m = \frac{y_2 - y_1}{x_2 - x_1} \checkmark$$

$$m = \frac{3 - (-4)}{0 - (-2)} \checkmark$$

$$m = \frac{7}{2} \checkmark$$

2. 
$$m = \frac{y_2 - y_1}{x_2 - x_1}$$

$$m = \frac{1 - 3}{2 - 0} \checkmark$$

$$m = \frac{-2}{2} \checkmark$$

$$m = -1 \checkmark$$

3. 
$$m = \frac{y_2 - y_1}{x_2 - x_1} \checkmark$$

$$m = \frac{-3 - (-3)}{2 - (-3)} \checkmark$$

$$m = \frac{0}{5} \checkmark$$

4. 
$$m = \frac{y_2 - y_1}{x_2 - x_1} \checkmark$$

$$m = \frac{0 - (-2)}{4 - 0} \checkmark$$

$$m = \frac{2}{4} \checkmark$$

$$m = \frac{1}{2} \checkmark$$

m=0

5. 
$$m = \frac{y_2 - y_1}{x_2 - x_1} \checkmark$$

$$m = \frac{-4 - 3}{-2 - (-2)} \checkmark$$

$$m = \frac{-7}{0} \checkmark$$

$$m = \text{undefined } \checkmark$$

### B. Answers

- 1.  $m = -3 \checkmark$ , trend: decreasing  $\checkmark$
- 2. m =  $\frac{1}{4}$  , trend: increasing  $\checkmark$
- 3.  $m = \frac{1}{2} \checkmark$ , trend: increasing  $\checkmark$
- 4.  $m = -2 \checkmark$ , trend: decreasing  $\checkmark$
- 5. m =  $0 \checkmark$ , trend: horizontal  $\checkmark$