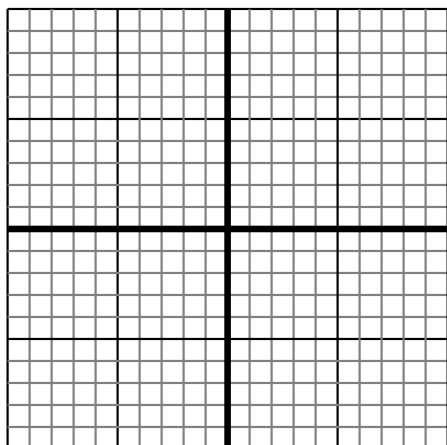


**Sketch your line then answer with your slope.**

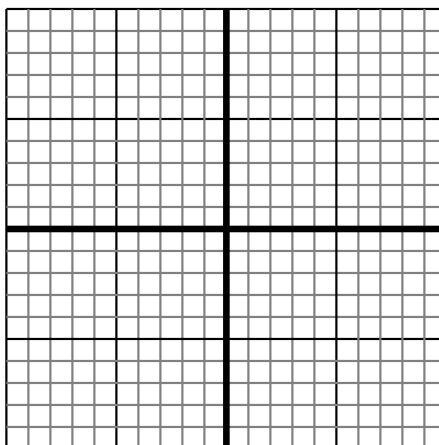
- 1) Sketch a line with a Y intercept of -1 and a smaller rate of change than:

$$Y = -\frac{3}{7} - 1$$



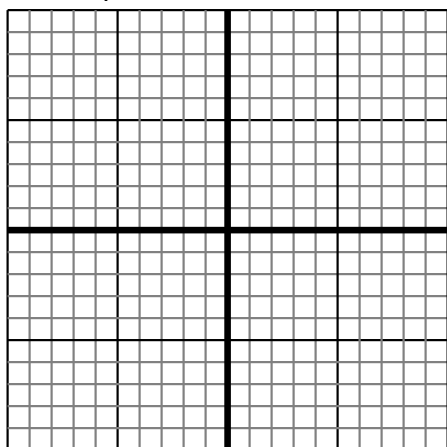
- 2) Sketch a line with a Y intercept of 0 and a greater rate of change than:

$$Y = -\frac{2}{7} + 0$$



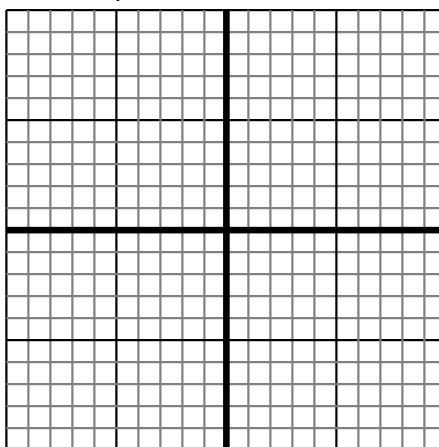
- 3) Sketch a line with a Y intercept of -5 and a greater rate of change than:

$$Y = -\frac{5}{7} - 5$$



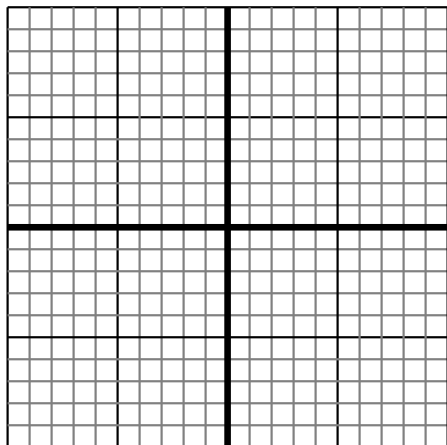
- 4) Sketch a line with a Y intercept of -6 and a smaller rate of change than:

$$Y = -\frac{8}{4} - 6$$



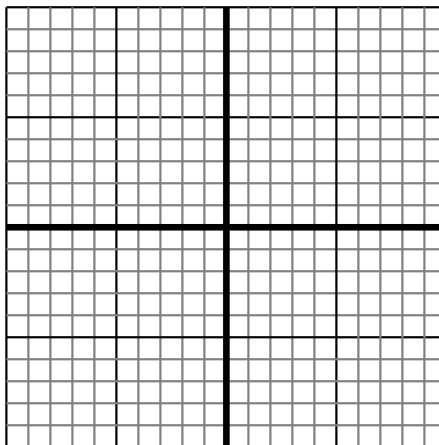
- 5) Sketch a line with a Y intercept of 8 and a greater rate of change than:

$$Y = -\frac{7}{5} + 8$$



- 6) Sketch a line with a Y intercept of -10 and a greater rate of change than:

$$Y = \frac{8}{-1} - 10$$

**Answers**

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

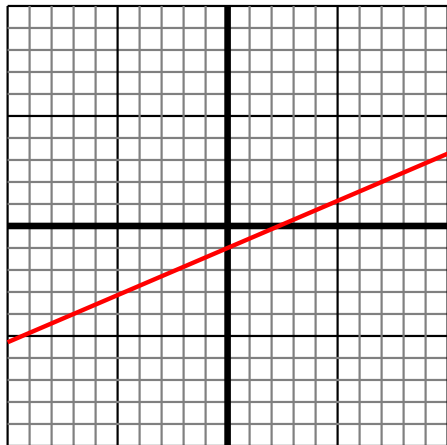
6. \_\_\_\_\_



Sketch your line then answer with your slope.

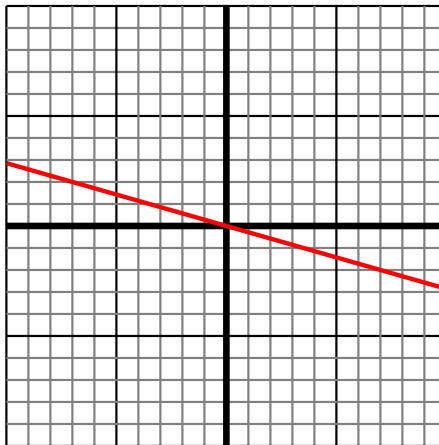
- 1) Sketch a line with a Y intercept of -1 and a smaller rate of change than:

$$Y = \frac{-3}{7} - 1$$



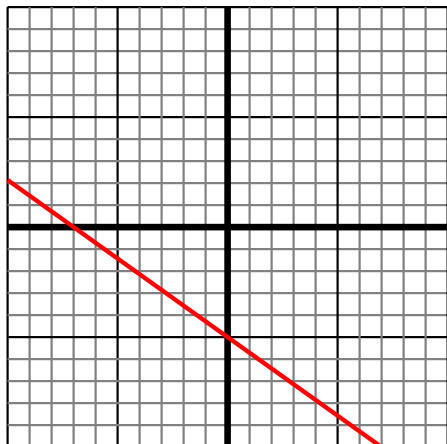
- 2) Sketch a line with a Y intercept of 0 and a greater rate of change than:

$$Y = \frac{-2}{7} + 0$$



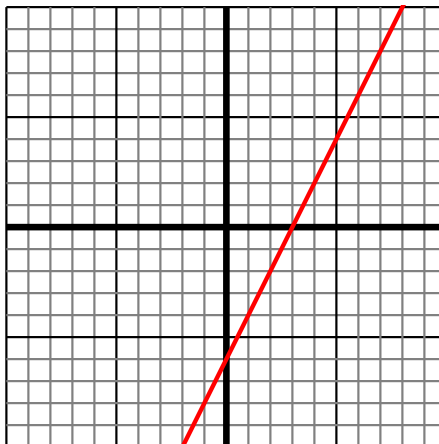
- 3) Sketch a line with a Y intercept of -5 and a greater rate of change than:

$$Y = \frac{-5}{7} - 5$$



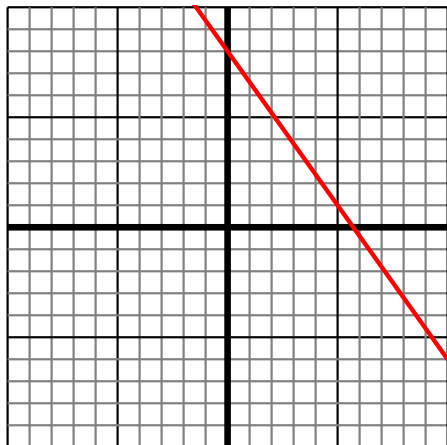
- 4) Sketch a line with a Y intercept of -6 and a smaller rate of change than:

$$Y = \frac{-8}{4} - 6$$



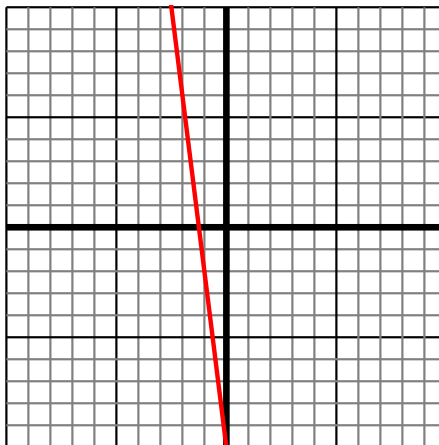
- 5) Sketch a line with a Y intercept of 8 and a greater rate of change than:

$$Y = \frac{-7}{5} + 8$$



- 6) Sketch a line with a Y intercept of -10 and a greater rate of change than:

$$Y = \frac{8}{-1} - 10$$

**Answers**

1.  $< \frac{-3}{7}$
2.  $> \frac{-2}{7}$
3.  $> \frac{-5}{7}$
4.  $< \frac{-8}{4}$
5.  $> \frac{-7}{5}$
6.  $> \frac{8}{-1}$