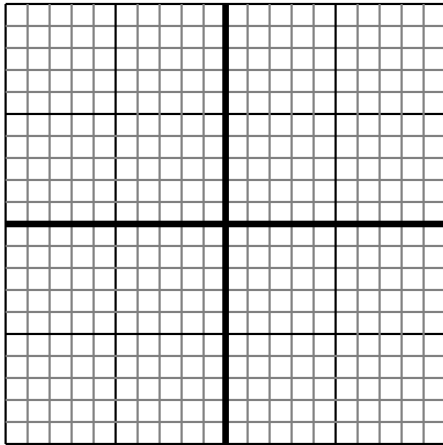# Drawing Line with Different Rate of Change

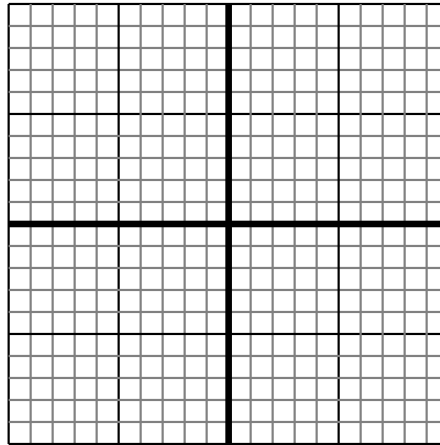**Sketch your line then answer with your slope.**

1) Sketch a line with a Y intercept of -6 and a greater rate of change than:
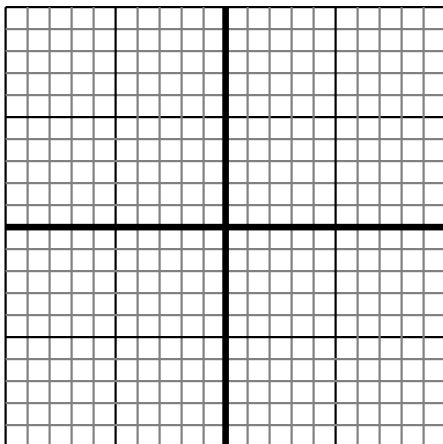
$$Y = {}^{-5}/_5 - 6$$

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

$$Y = {}^{6}/_6 - 5$$

1. _____

2. _____

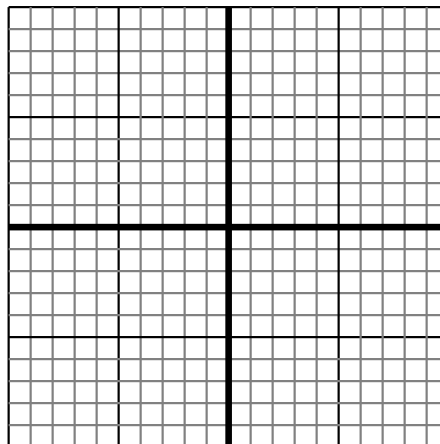3. _____

4. _____

5. _____

6. _____

3) Sketch a line with a Y intercept of -1 and a greater rate of change than:
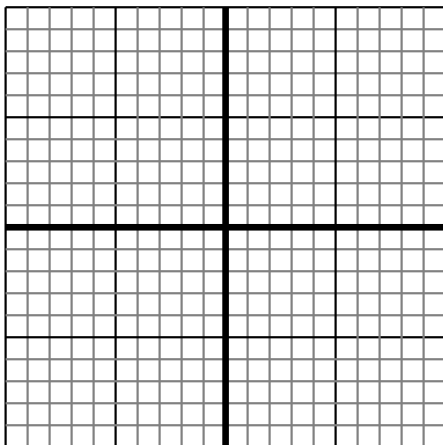
$$Y = {}^{6}/_4 - 1$$

4) Sketch a line with a Y intercept of 4 and a greater rate of change than:
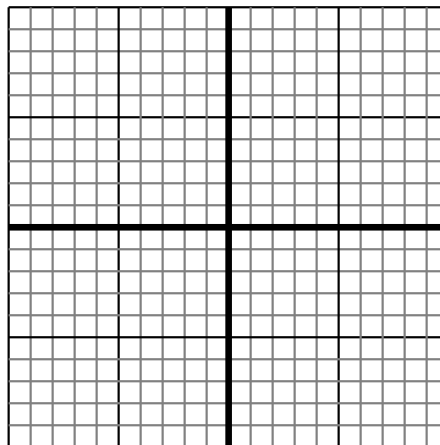
$$Y = {}^{7}/_7 + 4$$

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

$$Y = {}^{6}/_{-8} + 2$$

6) Sketch a line with a Y intercept of -6 and a greater rate of change than:
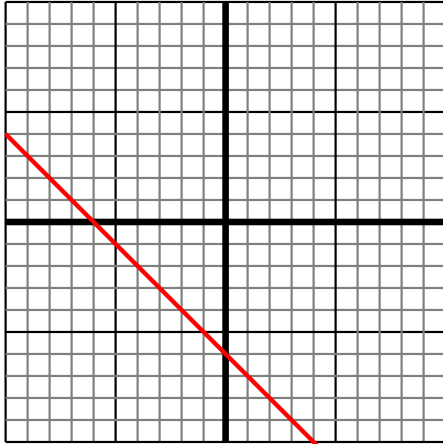
$$Y = {}^{-3}/_{-6} - 6$$

Math

　　Name:

Sketch your line then answer with your slope.

Answers

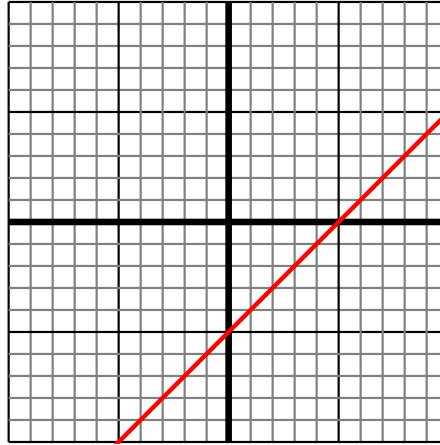**1)** Sketch a line with a Y intercept of -6 and a greater rate of change than:
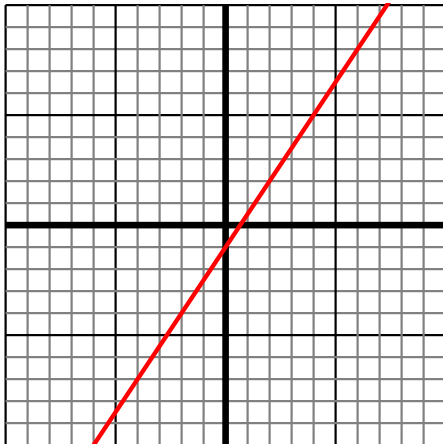
$Y = {}^{-5}/_5 - 6$

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

$Y = {}^{6}/_6 - 5$

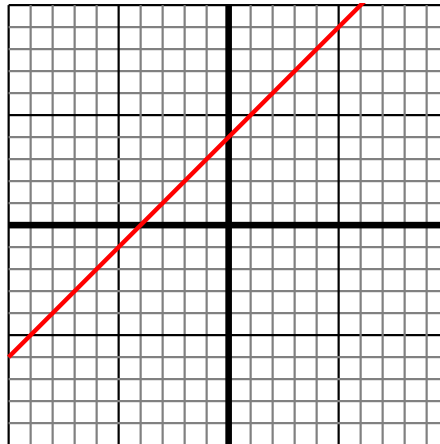**3)** Sketch a line with a Y intercept of -1 and a greater rate of change than:
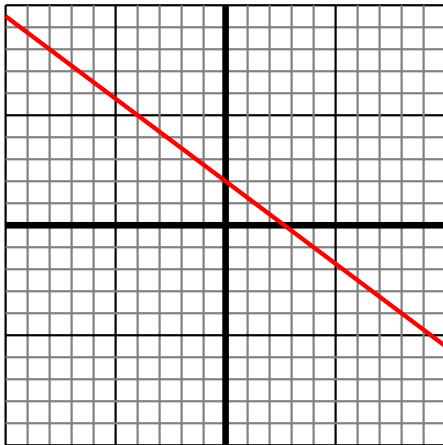
$Y = {}^{6}/_4 - 1$

4) Sketch a line with a Y intercept of 4 and a greater rate of change than:
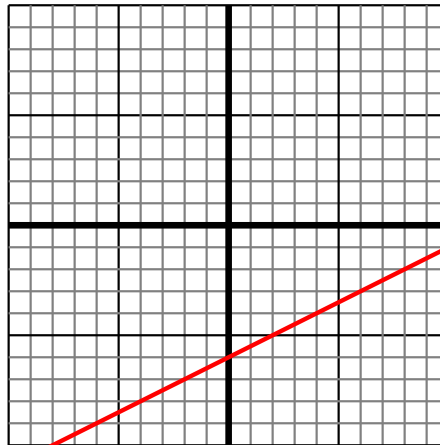
$Y = {}^{7}/_7 + 4$

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

$Y = {}^{6}/_{-8} + 2$

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

$Y = {}^{-3}/_{-6} - 6$

1. $> |{}^{-5}/_5|$

2. $> |{}^{6}/_6|$

3. $> |{}^{6}/_4|$

4. $> |{}^{7}/_7|$

5. $> |{}^{6}/_{-8}|$

6. $> |{}^{-3}/_{-6}|$