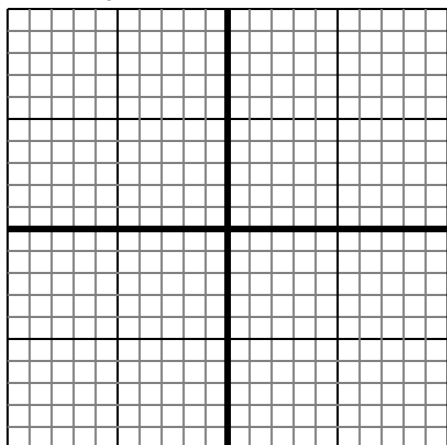**Sketch your line then answer with your slope.**
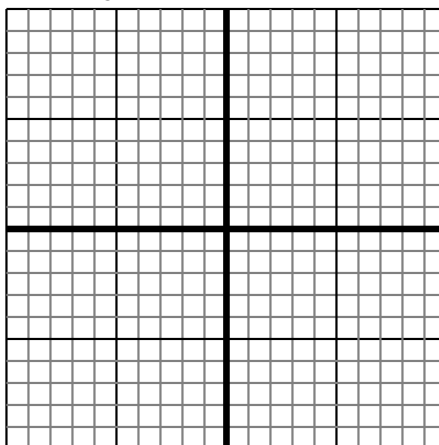
1) Sketch a line with a Y intercept of -9 and a smaller rate of change than:

$Y = {}^{1}/_{-5} - 9$
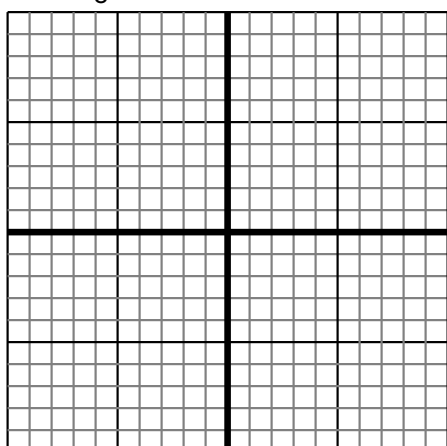
2) Sketch a line with a Y intercept of -5 and a smaller rate of change than:

$Y = {}^{-3}/_{8} - 5$

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

3) Sketch a line with a Y intercept of 7 and a smaller rate of change than:

$Y = {}^{9}/_{3} + 7$

4) Sketch a line with a Y intercept of -2 and a smaller rate of change than:

$Y = {}^{7}/_{-6} - 2$

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

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

6) Sketch a line with a Y intercept of -7 and a smaller rate of change than:

$Y = {}^{-7}/_{2} - 7$

Math   www.CommonCoreSheets.com

Sketch your line then answer with your slope.

Answers

1) Sketch a line with a Y intercept of -9 and a smaller rate of change than:

$Y = \frac{1}{-5} - 9$

2) Sketch a line with a Y intercept of -5 and a smaller rate of change than:
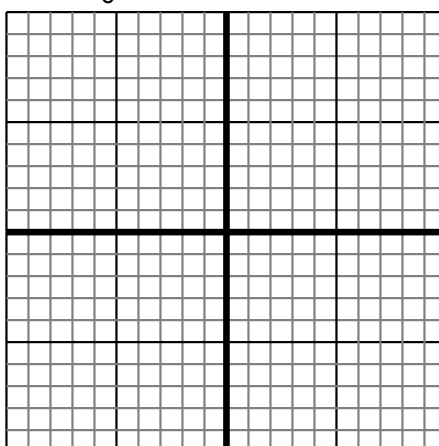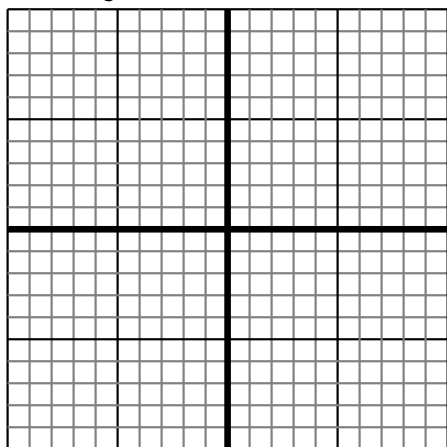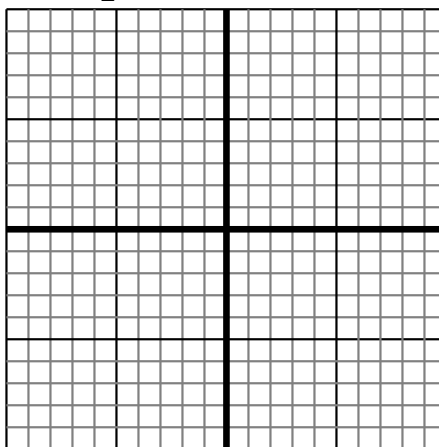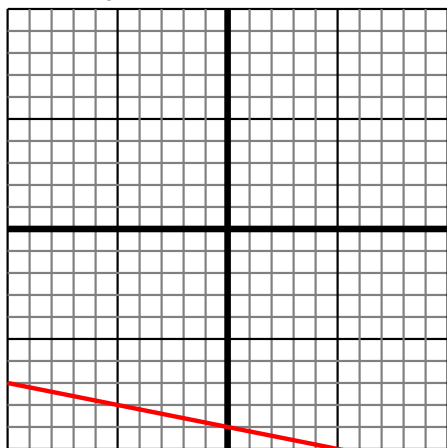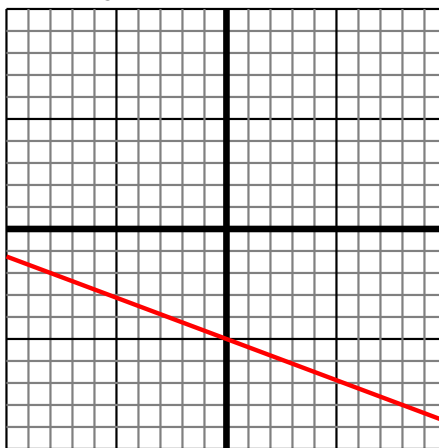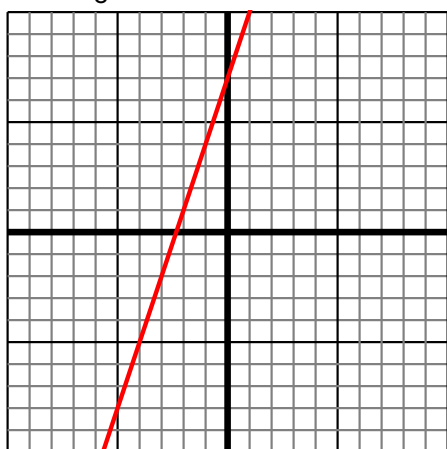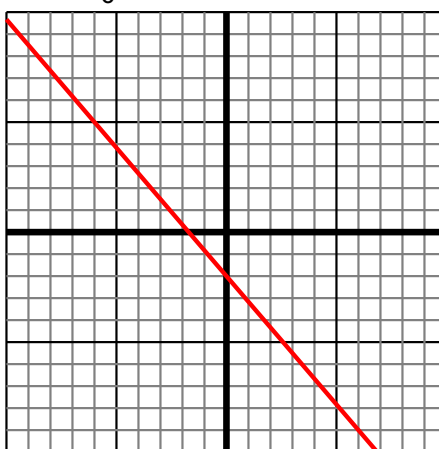
$Y = \frac{-3}{8} - 5$

1. $< \left|\frac{1}{-5}\right|$

2. $< \left|\frac{-3}{8}\right|$

3. $< \left|\frac{9}{3}\right|$

4. $< \left|\frac{7}{-6}\right|$

5. $> \left|\frac{-6}{8}\right|$

6. $< \left|\frac{-7}{2}\right|$

3) Sketch a line with a Y intercept of 7 and a smaller rate of change than:
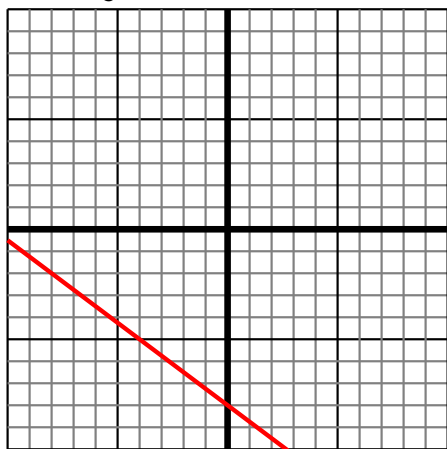
$Y = \frac{9}{3} + 7$

4) Sketch a line with a Y intercept of -2 and a smaller rate of change than:
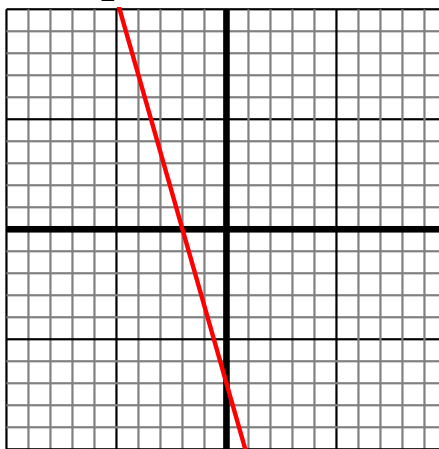
$Y = \frac{7}{-6} - 2$

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

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

6) Sketch a line with a Y intercept of -7 and a smaller rate of change than:

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