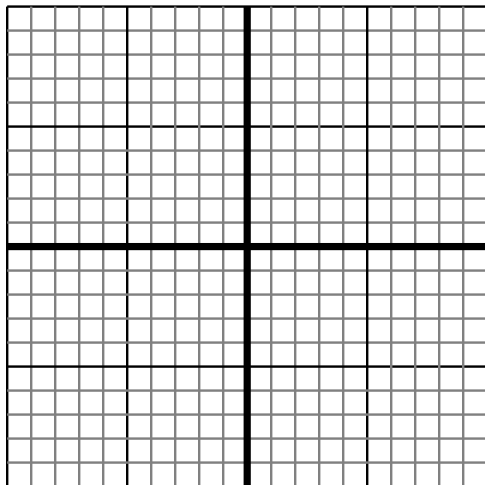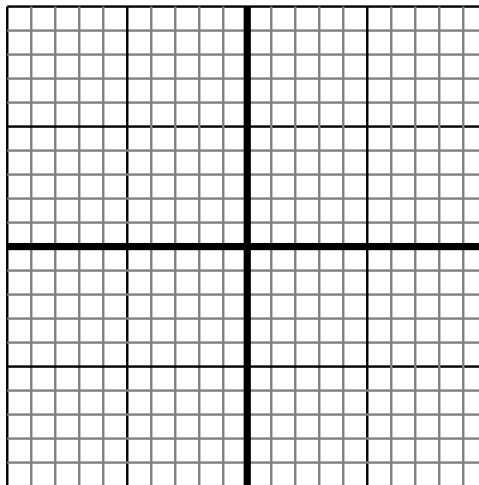# Drawing Line with Different Rate of Change

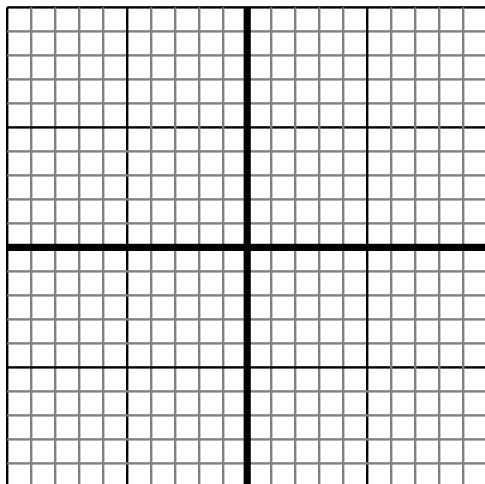Name:

Sketch your line then answer with your slope.

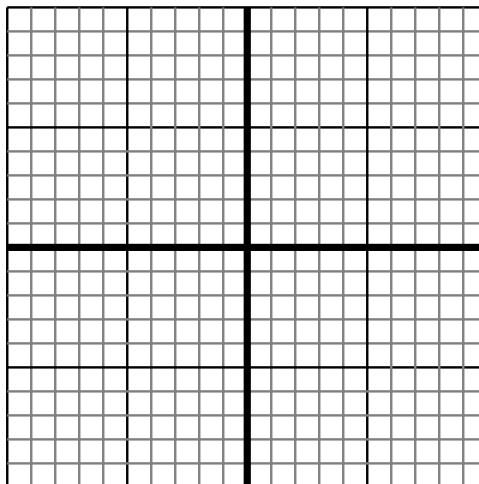**1)** Sketch a line with a Y intercept of -1 and a greater rate of change than: $Y = \frac{3}{-5} - 1$

2) Sketch a line with a Y intercept of -6 and a greater rate of change than: $Y = \frac{-4}{-6} - 6$
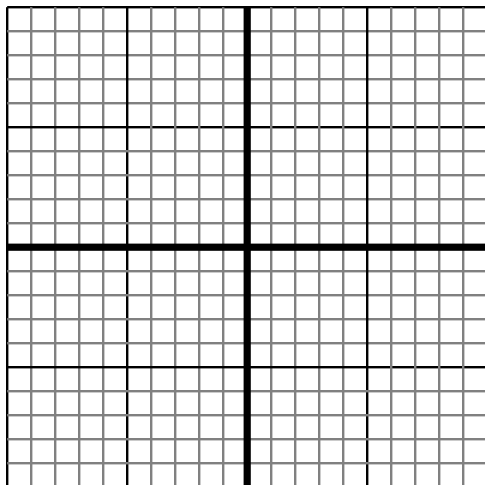
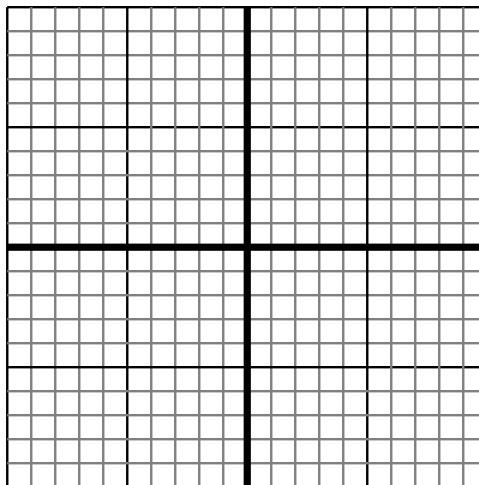**3)** Sketch a line with a Y intercept of 9 and a greater rate of change than: $Y = \frac{-6}{-8} + 9$

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

5) Sketch a line with a Y intercept of -3 and a smaller rate of change than: $Y = \frac{-2}{6} - 3$

6) Sketch a line with a Y intercept of -1 and a greater rate of change than: $Y = \frac{-1}{1} - 1$
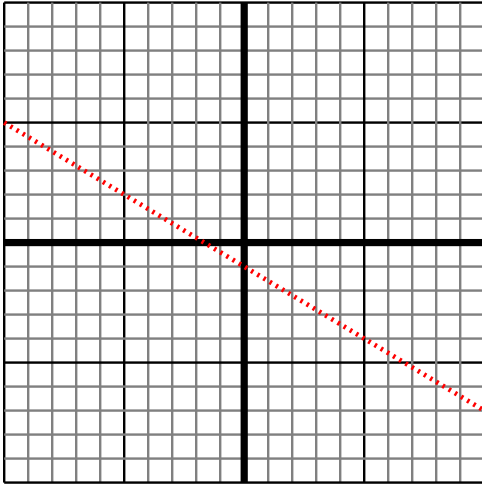
1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

Math

www.CommonCoreSheets.com
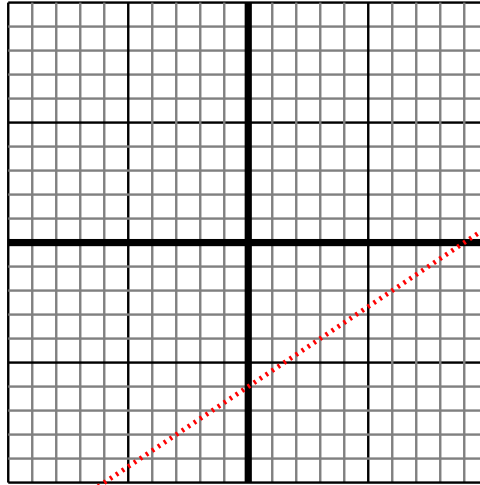
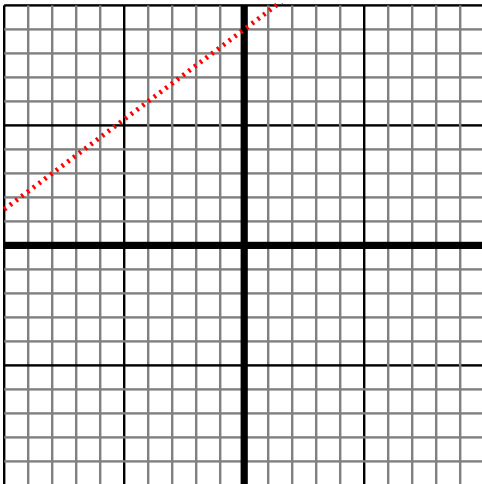| 1-6 | 83 | 67 | 50 | 33 | 17 | 0 |

Sketch your line then answer with your slope.

1) Sketch a line with a Y intercept of -1 and a greater rate of change than: $Y = \frac{3}{-5} - 1$
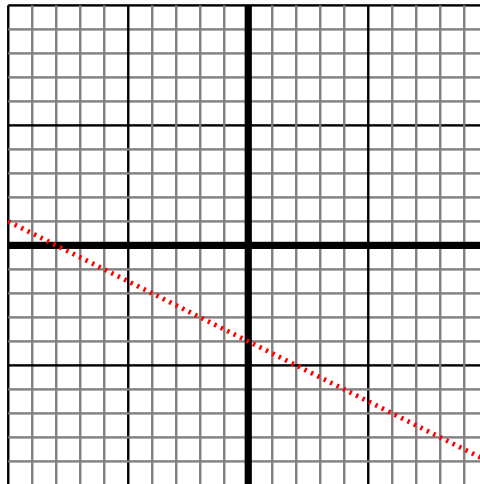
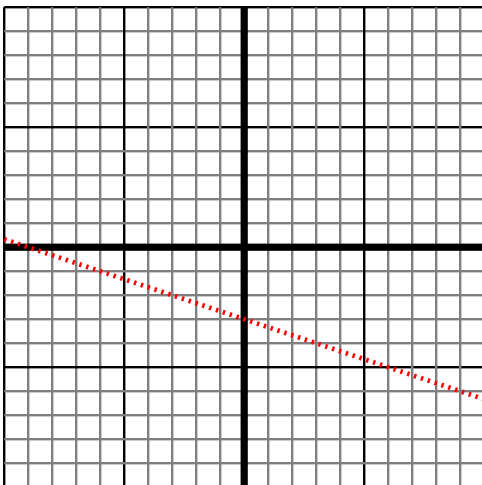**2)** Sketch a line with a Y intercept of -6 and a greater rate of change than: $Y = \frac{-4}{-6} - 6$

1. $> |\frac{3}{-5}|$

2. $> |\frac{-4}{-6}|$

3. $> |\frac{-6}{-8}|$

4. $> |\frac{2}{-4}|$

5. $< |\frac{-2}{6}|$

6. $> |\frac{-1}{1}|$

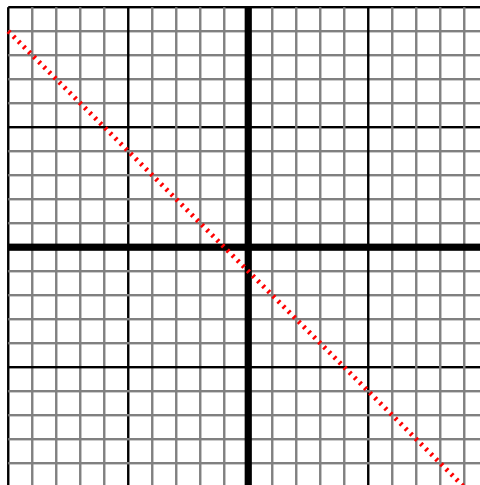**3)** Sketch a line with a Y intercept of 9 and a greater rate of change than: $Y = \frac{-6}{-8} + 9$

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

5) Sketch a line with a Y intercept of -3 and a smaller rate of change than: $Y = \frac{-2}{6} - 3$

6) Sketch a line with a Y intercept of -1 and a greater rate of change than: $Y = \frac{-1}{1} - 1$

Math