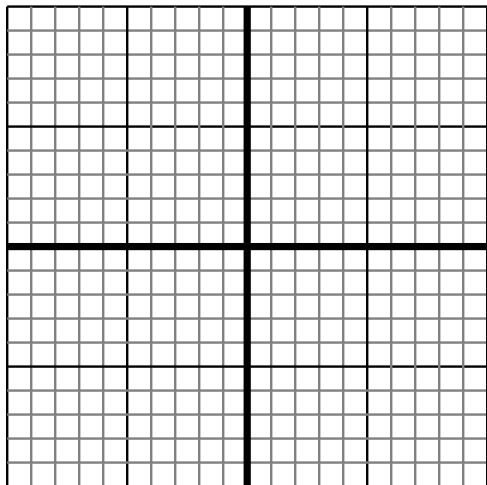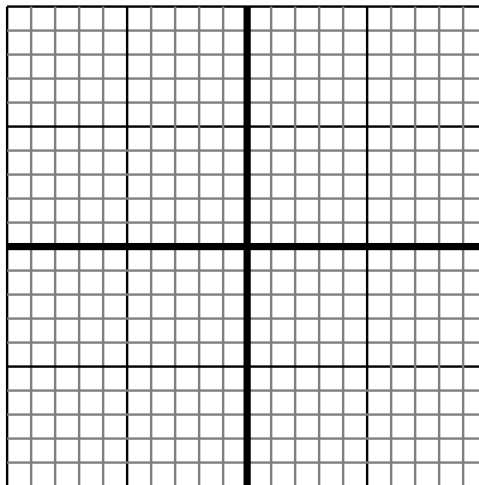**Sketch your line then answer with your slope.**
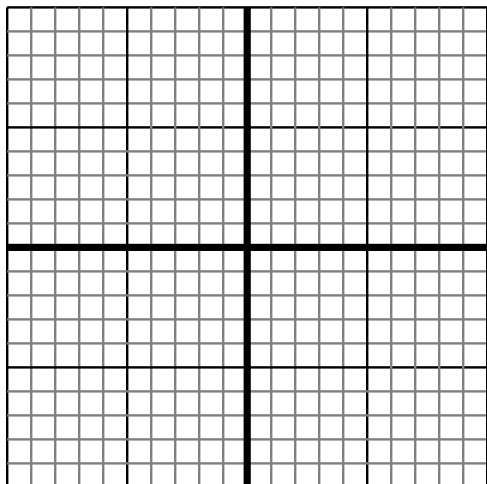
1) Sketch a line with a Y intercept of 3 and a smaller rate of change than: $Y = \frac{-2}{-8} + 3$
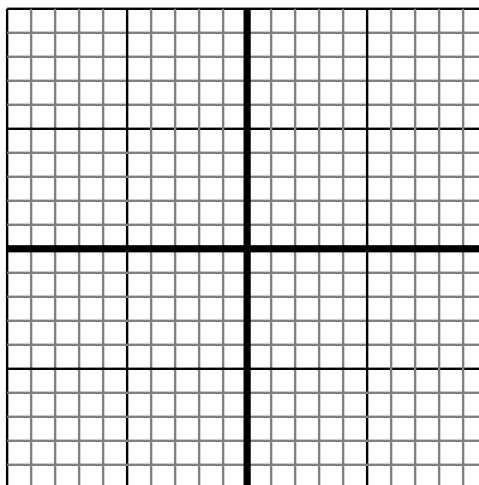
2) Sketch a line with a Y intercept of -8 and a greater rate of change than: $Y = \frac{8}{-6} - 8$
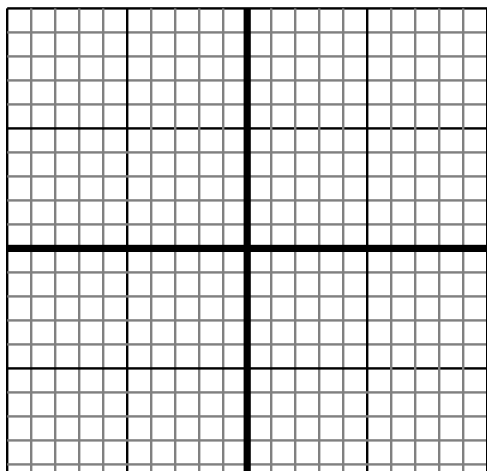
1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

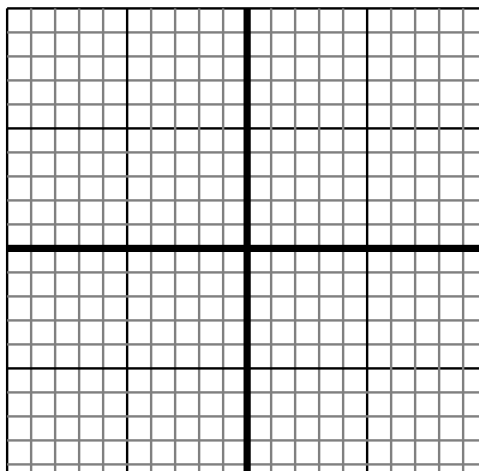**3)** Sketch a line with a Y intercept of 8 and a greater rate of change than: $Y = \frac{8}{8} + 8$

4) Sketch a line with a Y intercept of 10 and a greater rate of change than: $Y = \frac{-1}{8} + 10$

5) Sketch a line with a Y intercept of -7 and a smaller rate of change than: $Y = \frac{-6}{8} - 7$

6) Sketch a line with a Y intercept of -6 and a greater rate of change than: $Y = \frac{9}{1} - 6$
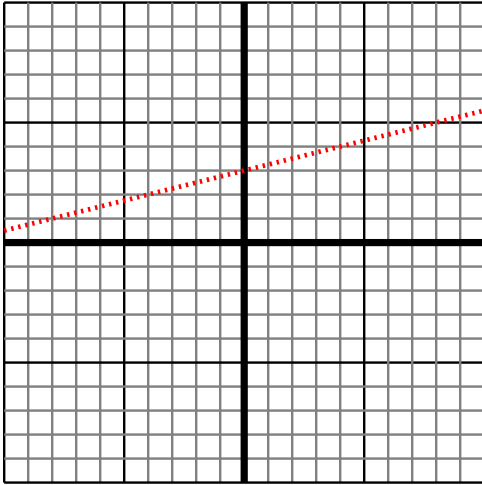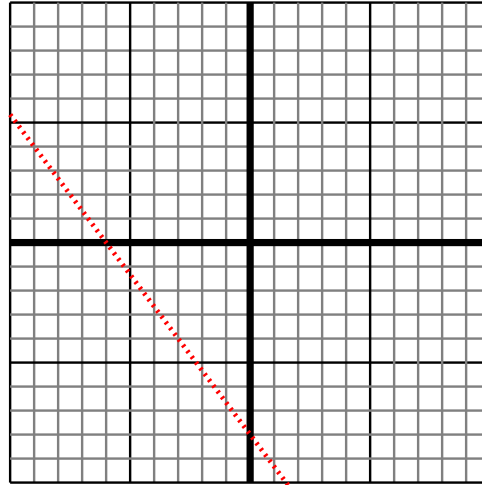
Answer Key
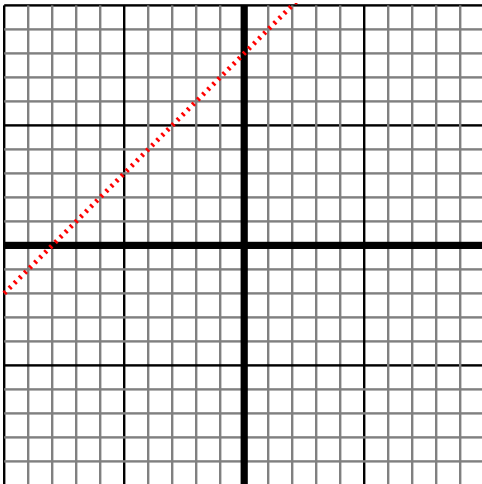
Sketch your line then answer with your slope.

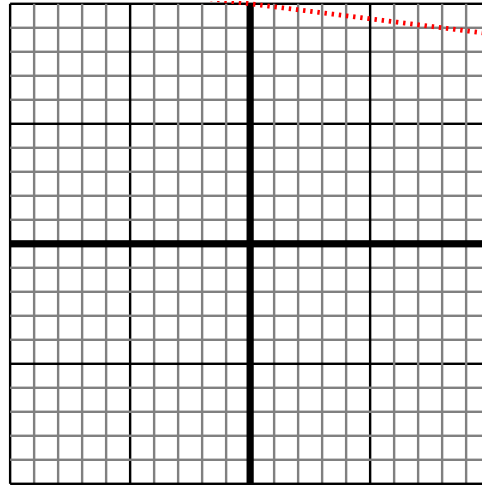**1)** Sketch a line with a Y intercept of 3 and a smaller rate of change than: $Y = \frac{-2}{-8} + 3$

2) Sketch a line with a Y intercept of -8 and a greater rate of change than: $Y = \frac{8}{-6} - 8$
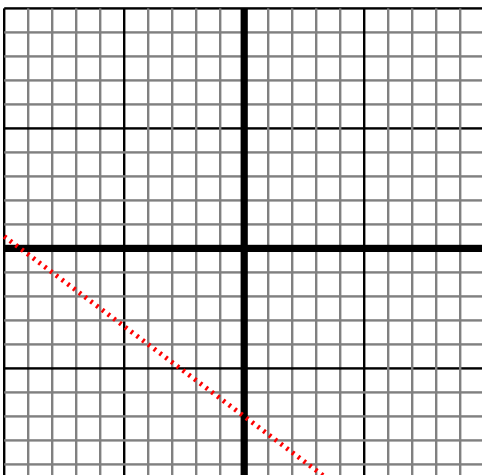
1. $< |\frac{-2}{-8}|$

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

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

4. $> |\frac{-1}{8}|$

5. $< |\frac{-6}{8}|$

6. $> |\frac{9}{1}|$

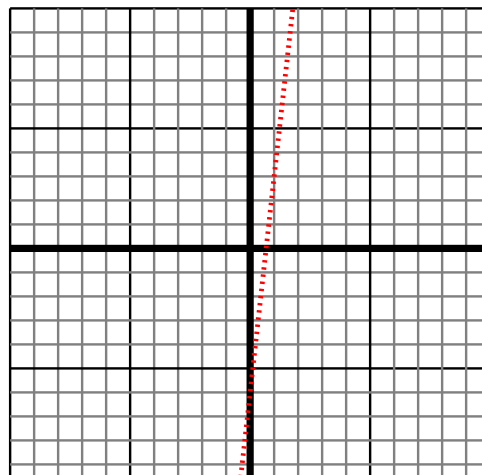**3)** Sketch a line with a Y intercept of 8 and a greater rate of change than: $Y = \frac{8}{8} + 8$

4) Sketch a line with a Y intercept of 10 and a greater rate of change than: $Y = \frac{-1}{8} + 10$

5) Sketch a line with a Y intercept of -7 and a smaller rate of change than: $Y = \frac{-6}{8} - 7$

6) Sketch a line with a Y intercept of -6 and a greater rate of change than: $Y = \frac{9}{1} - 6$

1-6	83	67	50	33	17	0