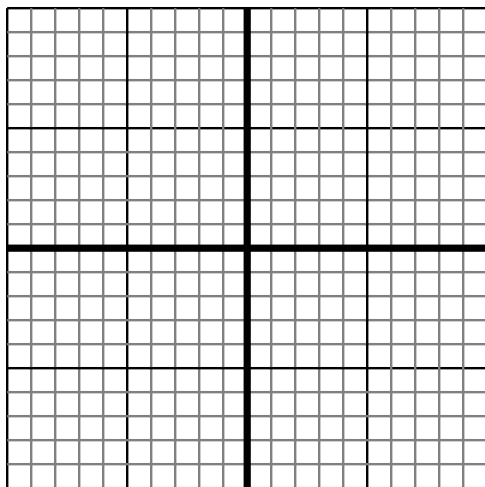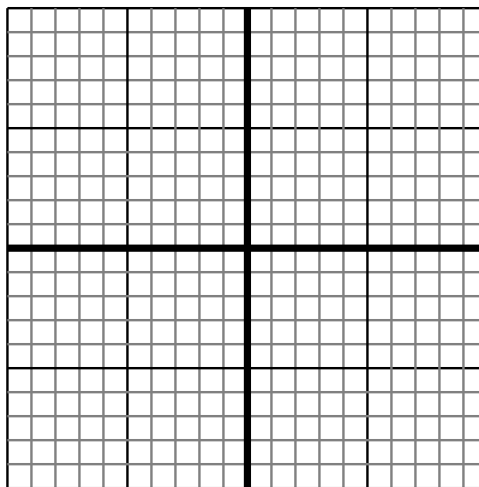**Sketch your line then answer with your slope.**
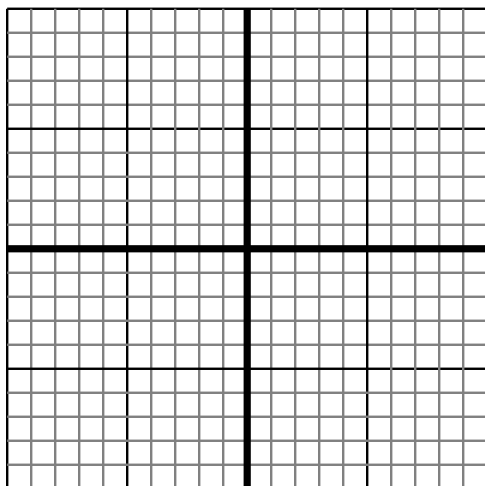
1) Sketch a line with a Y intercept of 2 and a greater rate of change than: $Y = \frac{4}{4} + 2$
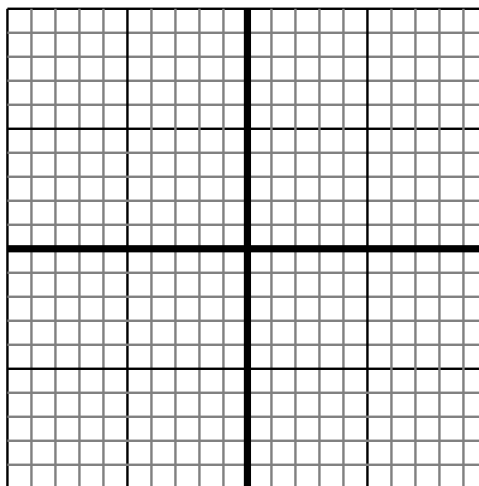
2) Sketch a line with a Y intercept of 7 and a smaller rate of change than: $Y = \frac{7}{8} + 7$
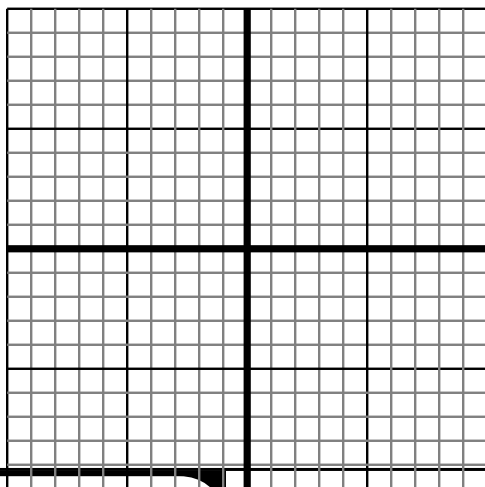
1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

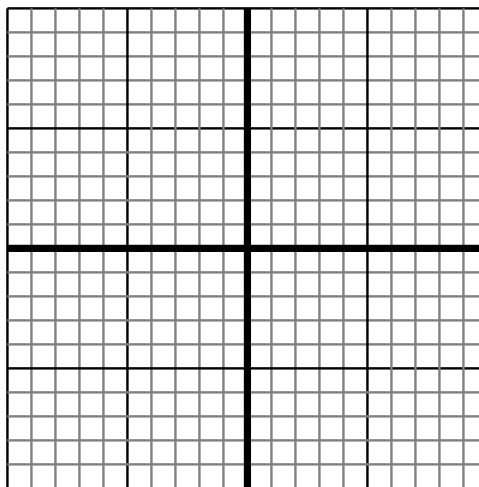**3)** Sketch a line with a Y intercept of 4 and a greater rate of change than: $Y = \frac{-8}{3} + 4$

4) Sketch a line with a Y intercept of -3 and a greater rate of change than: $Y = \frac{-9}{1} - 3$

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

6) Sketch a line with a Y intercept of -2 and a greater rate of change than: $Y = \frac{-7}{4} - 2$
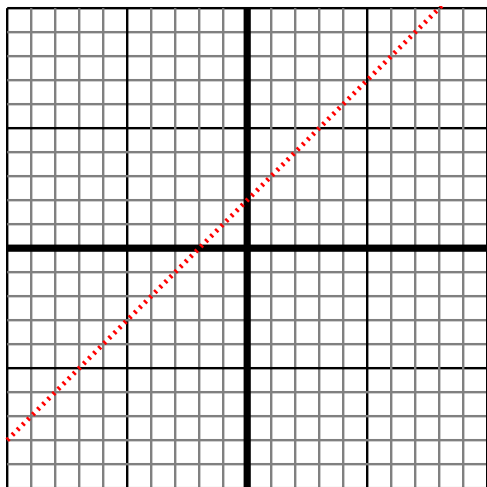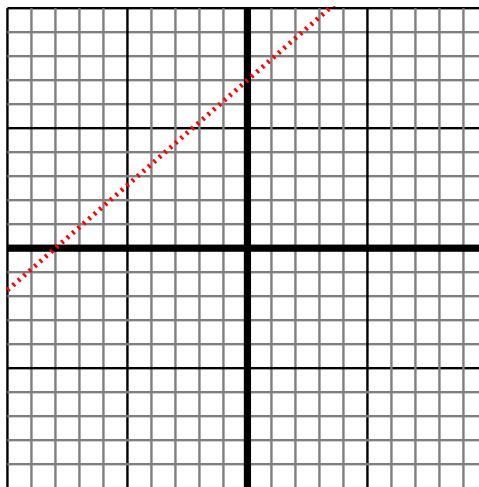
Answer Key
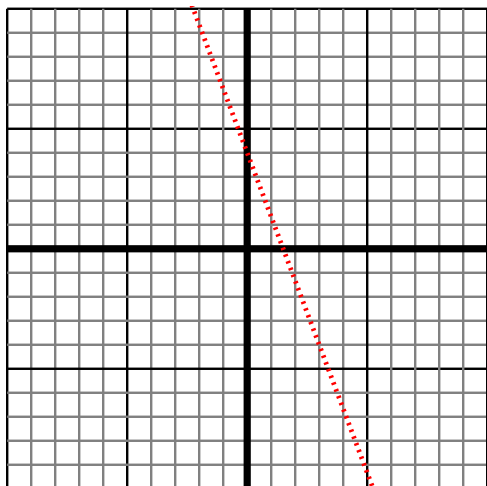
Sketch your line then answer with your slope.

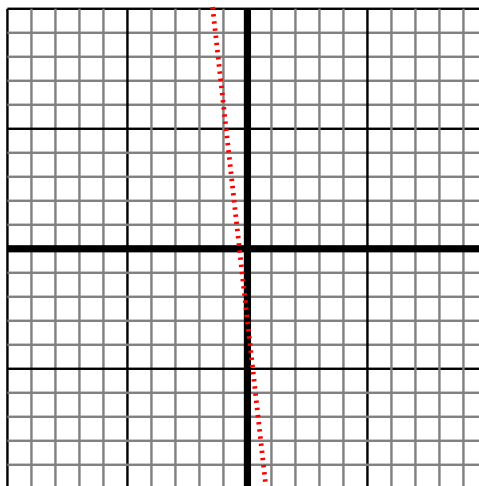**1)** Sketch a line with a Y intercept of 2 and a greater rate of change than: $Y = \frac{4}{4} + 2$

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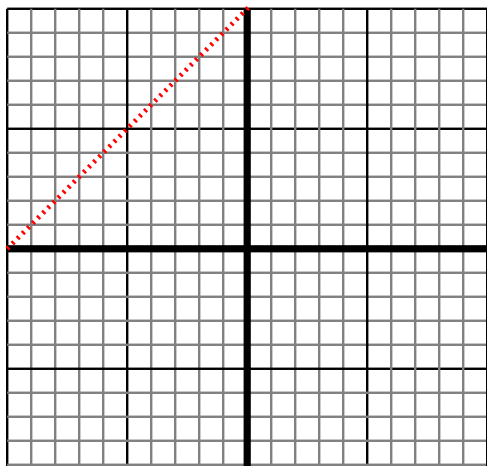

1. $> |\frac{4}{4}|$

2. $< |\frac{7}{8}|$

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

4. $> |\frac{-9}{1}|$

5. $> |\frac{-8}{-8}|$

6. $> |\frac{-7}{4}|$

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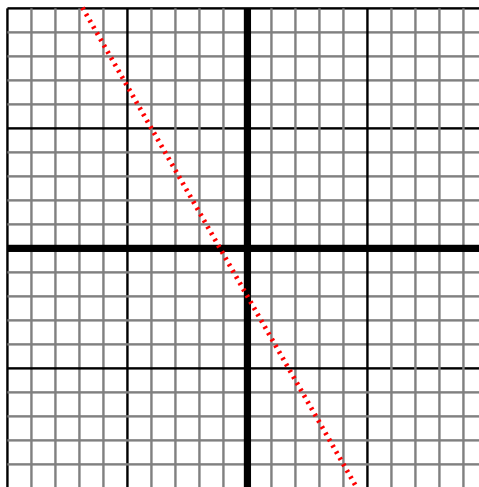

4) Sketch a line with a Y intercept of -3 and a greater rate of change than: $Y = \frac{-9}{1} - 3$

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

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