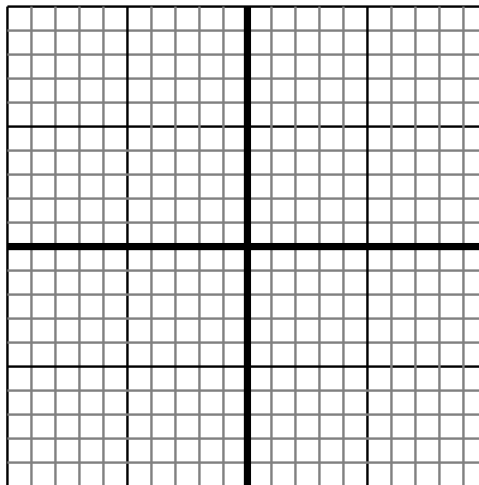**Sketch your line then answer with your slope.**
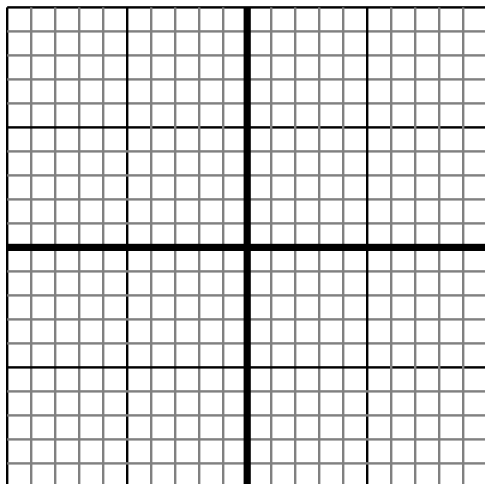
1) Sketch a line with a Y intercept of -5 and a smaller rate of change than: $Y = \frac{3}{-7} - 5$
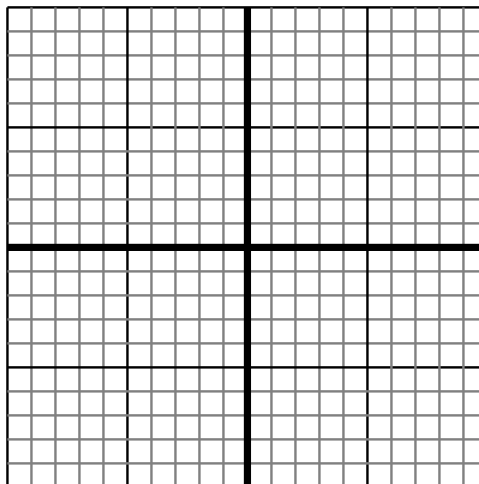
2) Sketch a line with a Y intercept of 6 and a smaller rate of change than: $Y = \frac{-4}{3} + 6$
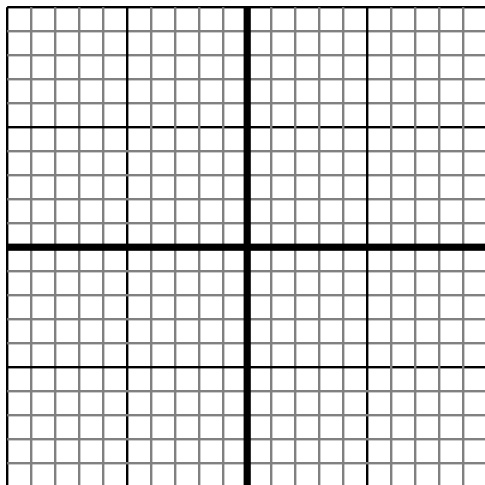
1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

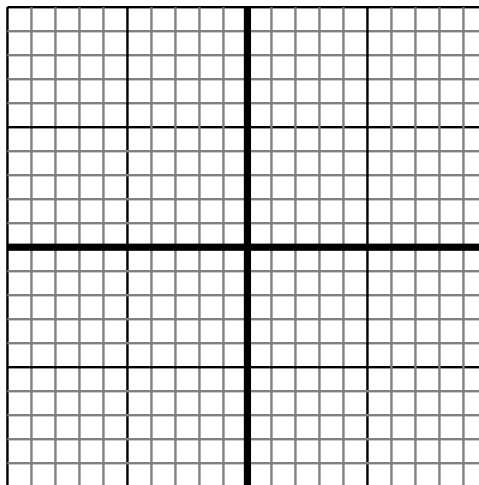**3)** Sketch a line with a Y intercept of 2 and a greater rate of change than: $Y = \frac{-6}{-2} + 2$

4) Sketch a line with a Y intercept of -4 and a greater rate of change than: $Y = \frac{9}{7} - 4$

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

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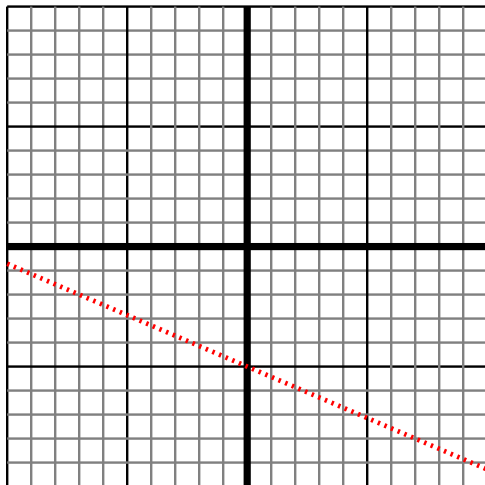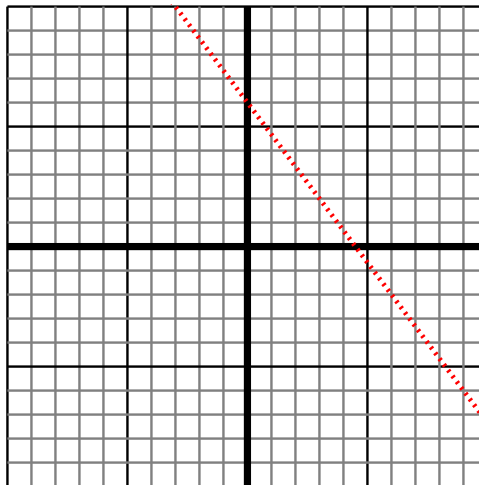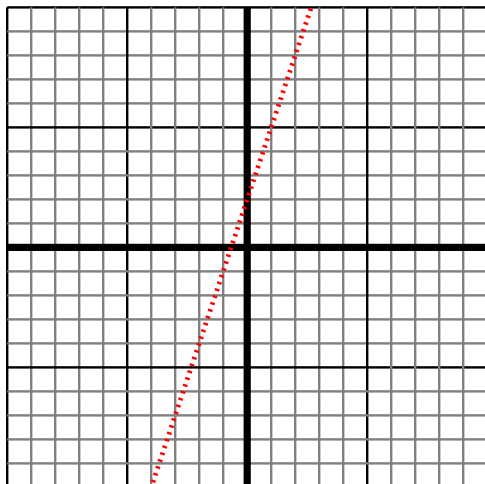
Sketch your line then answer with your slope.

1) Sketch a line with a Y intercept of -5 and a smaller rate of change than: $Y = \frac{3}{-7} - 5$
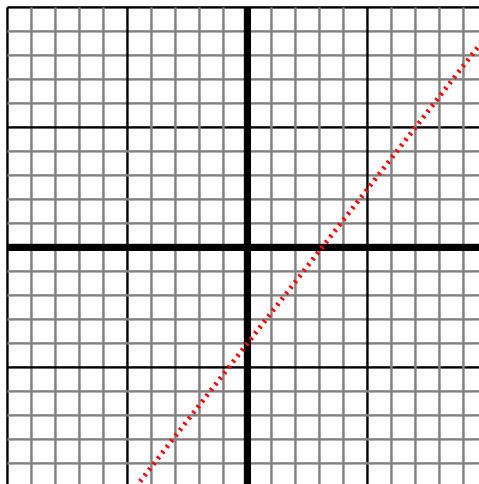
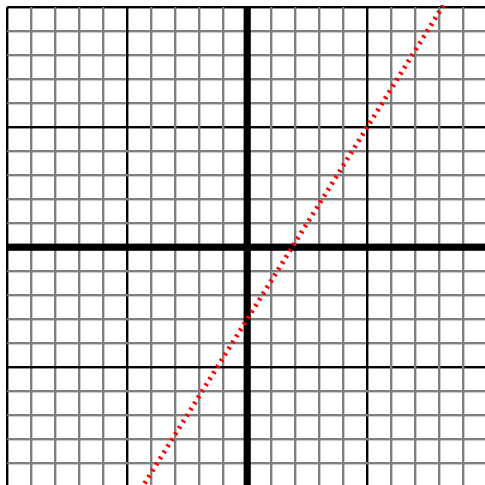**2)** Sketch a line with a Y intercept of 6 and a smaller rate of change than: $Y = \frac{-4}{3} + 6$

1. $< \left|\frac{3}{-7}\right|$

2. $< \left|\frac{-4}{3}\right|$

3. $> \left|\frac{-6}{-2}\right|$

4. $> \left|\frac{9}{7}\right|$

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

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

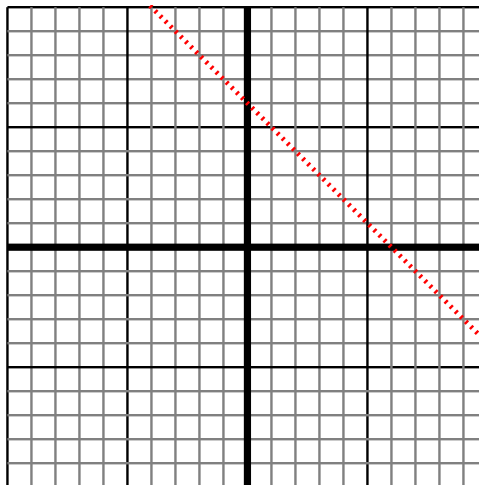**3)** Sketch a line with a Y intercept of 2 and a greater rate of change than: $Y = \frac{-6}{-2} + 2$

4) Sketch a line with a Y intercept of -4 and a greater rate of change than: $Y = \frac{9}{7} - 4$

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

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