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 -8 and a smaller rate of change than: Y = $^3/_7$ - 8

2) Sketch a line with a Y intercept of 7 and a smaller rate of change than: Y = $^5/_5$ + 7

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

3) Sketch a line with a Y intercept of 7 and a smaller rate of change than: Y = $^{-7}/_{-6}$ + 7

4) Sketch a line with a Y intercept of -1 and a greater rate of change than: Y = $^{-5}/_6$ - 1

5) Sketch a line with a Y intercept of -9 and a smaller rate of change than: Y = $^{-7}/_3$ - 9

6) Sketch a line with a Y intercept of -7 and a smaller rate of change than: Y = $^{-5}/_4$ - 7
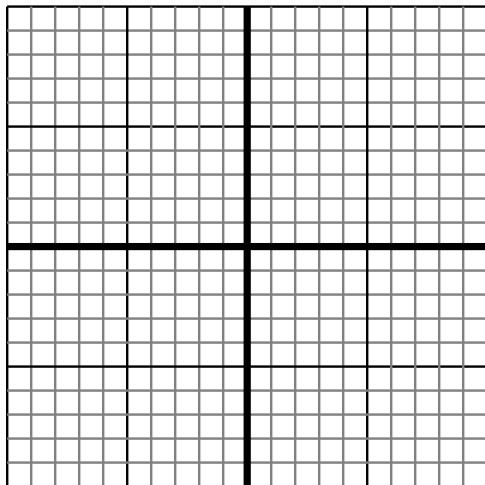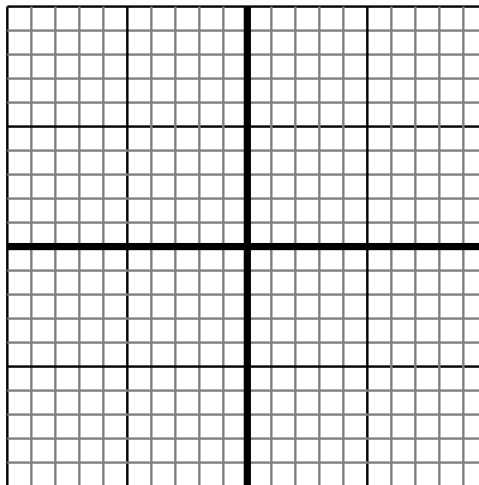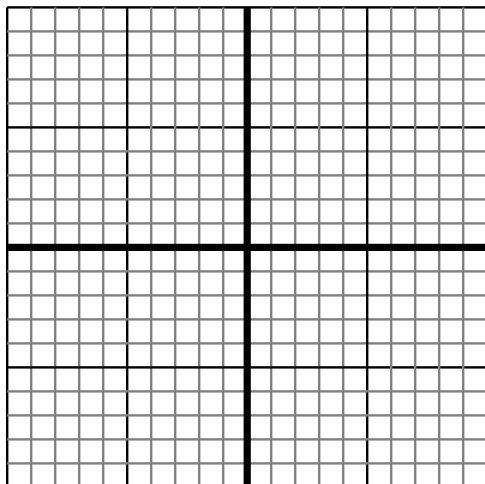
Math

Name:

Sketch your line then answer with your slope.

1) Sketch a line with a Y intercept of -8 and a smaller rate of change than: $Y = \frac{3}{7} - 8$
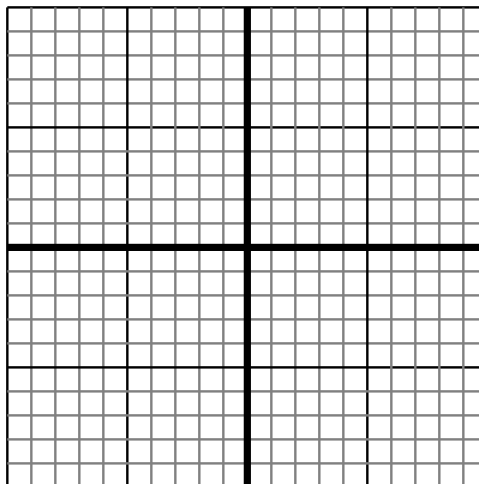
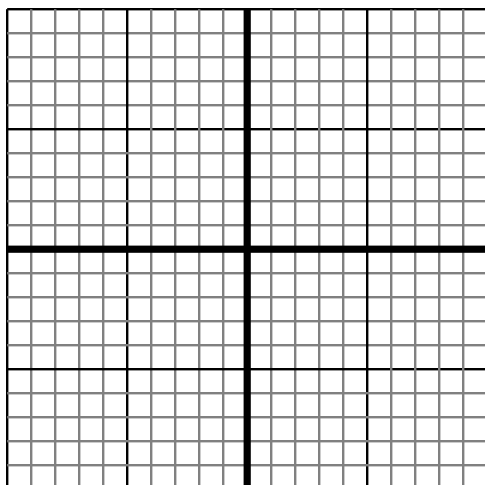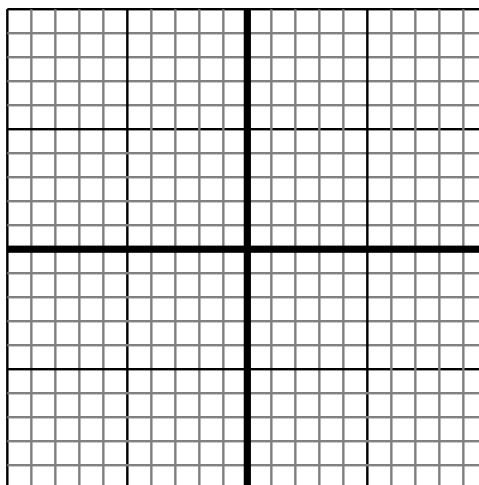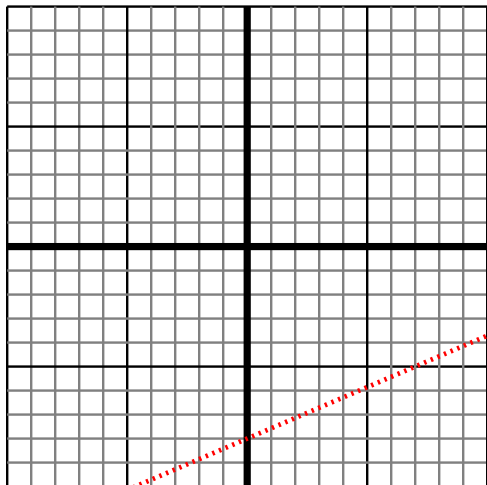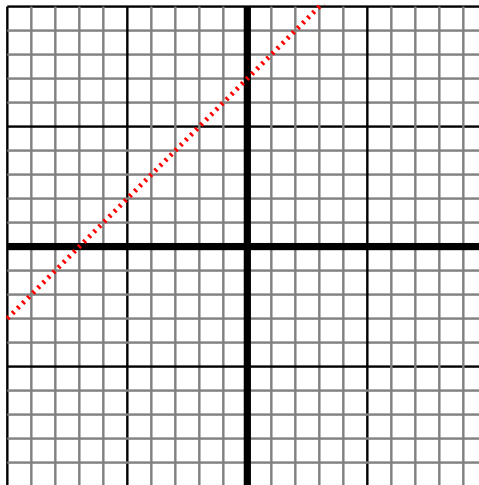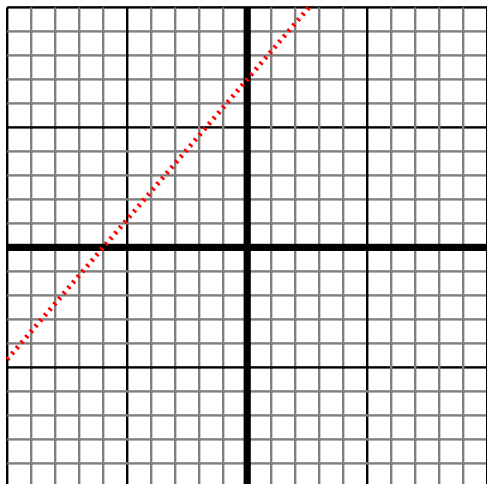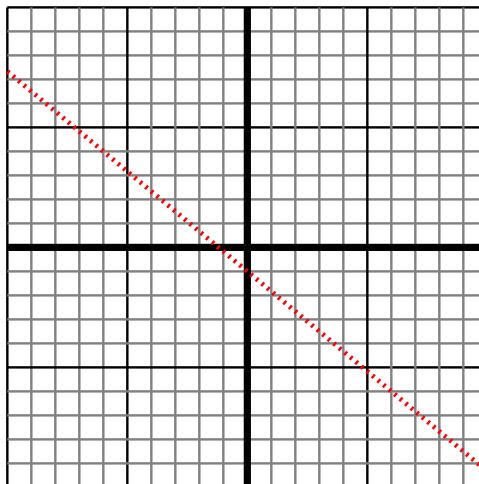**2)** Sketch a line with a Y intercept of 7 and a smaller rate of change than: $Y = \frac{5}{5} + 7$
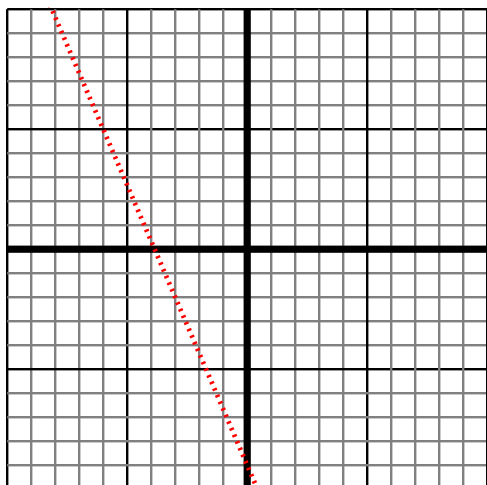
1. $< |\frac{3}{7}|$

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

3. $< |\frac{-7}{-6}|$

4. $> |\frac{-5}{6}|$

5. $< |\frac{-7}{3}|$

6. $< |\frac{-5}{4}|$

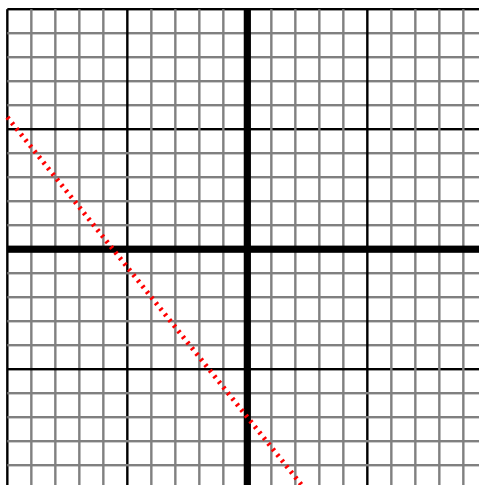**3)** Sketch a line with a Y intercept of 7 and a smaller rate of change than: $Y = \frac{-7}{-6} + 7$

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

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

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

| 1-6 | 83 | 67 | 50 | 33 | 17 | 0 |