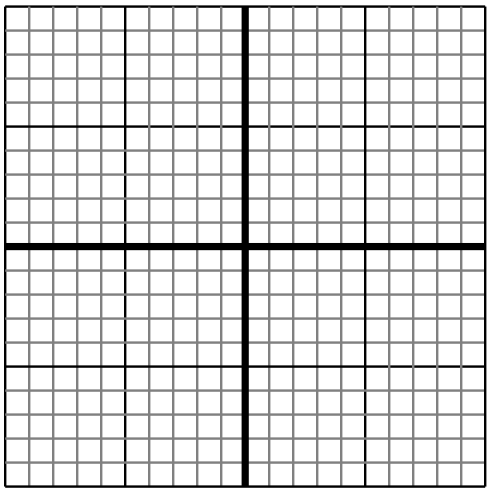
Drawing Line with Different Rate of Change

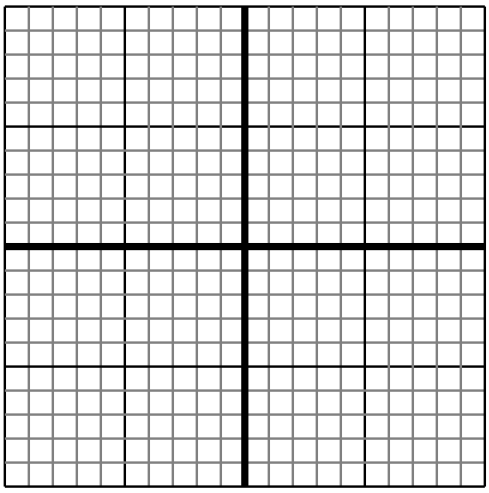
Name:

Sketch your line then answer with your slope.

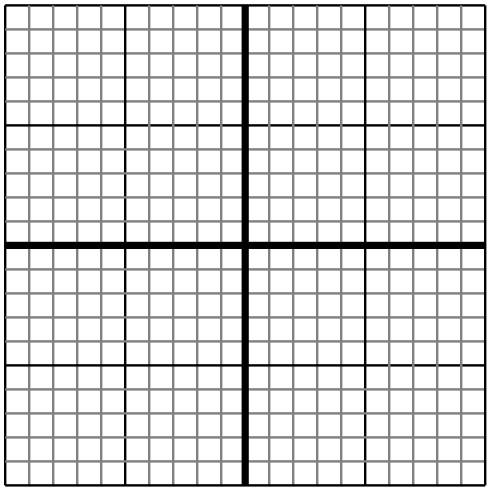
1) Sketch a line with a Y intercept of 0 and a smaller rate of change than: $Y = \frac{-4}{5} + 0$



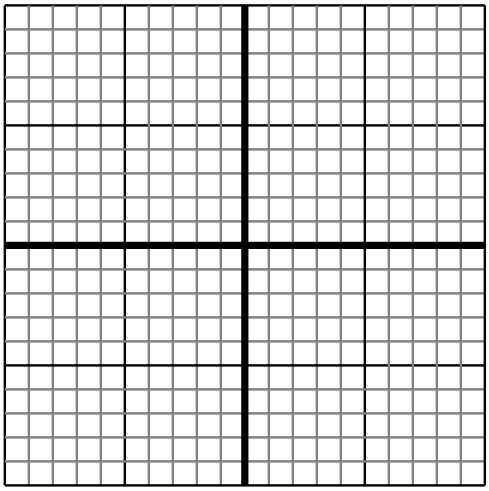
2) Sketch a line with a Y intercept of -7 and a greater rate of change than: $Y = \frac{-1}{-9} - 7$



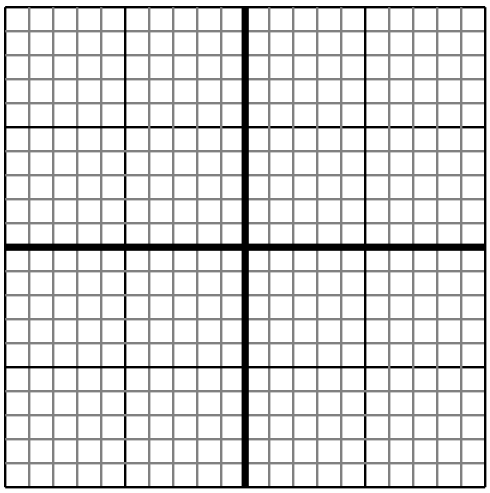
3) Sketch a line with a Y intercept of 9 and a smaller rate of change than: $Y = \frac{-6}{6} + 9$



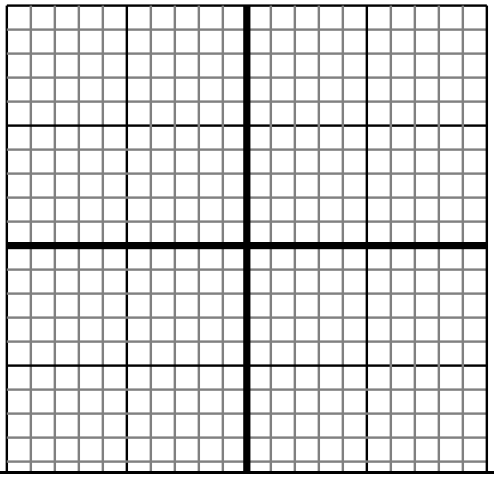
4) Sketch a line with a Y intercept of 1 and a smaller rate of change than: $Y = \frac{-2}{-2} + 1$



5) Sketch a line with a Y intercept of 8 and a greater rate of change than: $Y = \frac{-5}{9} + 8$



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



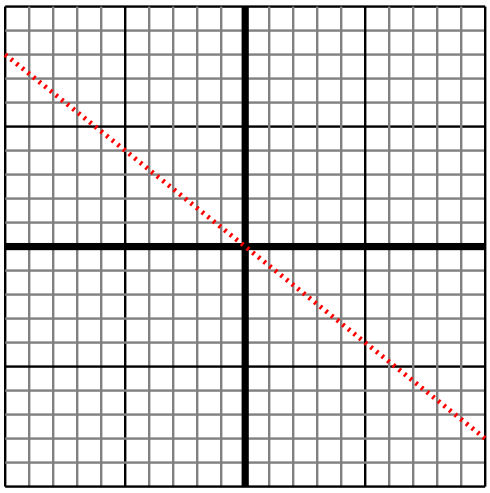
Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

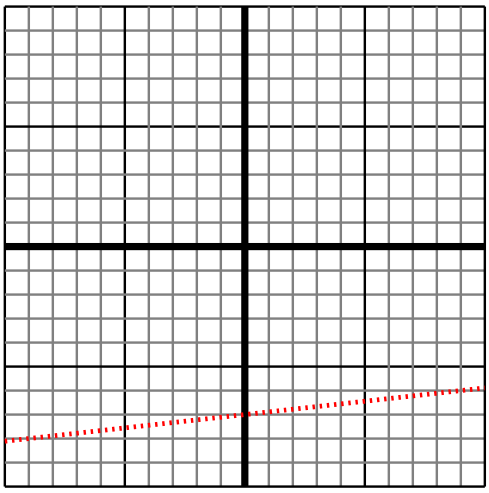
Drawing Line with Different Rate of Change Name: **Answer Key**

Sketch your line then answer with your slope.

1) Sketch a line with a Y intercept of 0 and a smaller rate of change than: $Y = \frac{-4}{5} + 0$



2) Sketch a line with a Y intercept of -7 and a greater rate of change than: $Y = \frac{-1}{-9} - 7$



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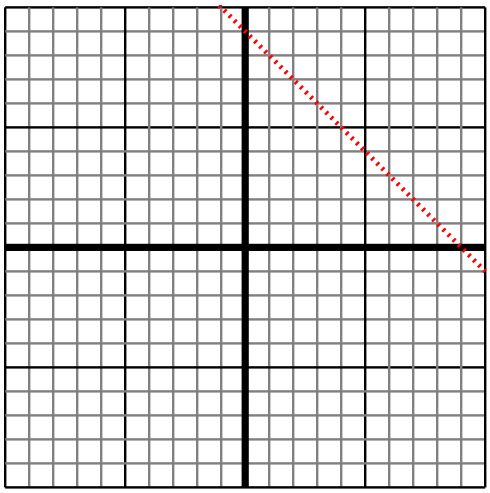

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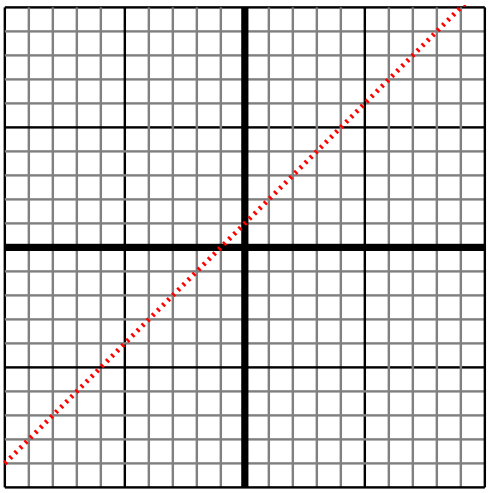

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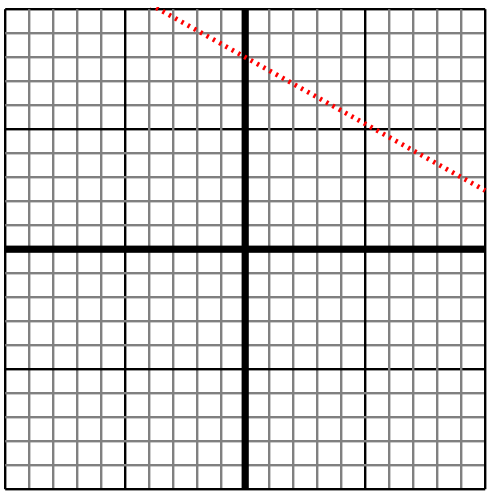

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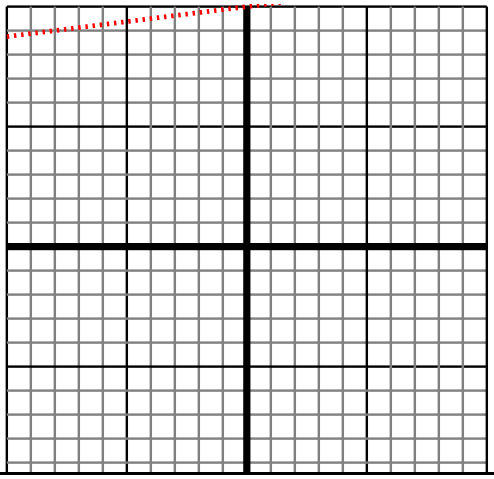

Answers

1. $< \left|\frac{-4}{5}\right|$
2. $> \left|\frac{-1}{-9}\right|$
3. $< \left|\frac{-6}{6}\right|$
4. $< \left|\frac{-2}{-2}\right|$
5. $> \left|\frac{-5}{9}\right|$
6. $< \left|\frac{-1}{-8}\right|$

1-6	83	67	50	33	17	0