

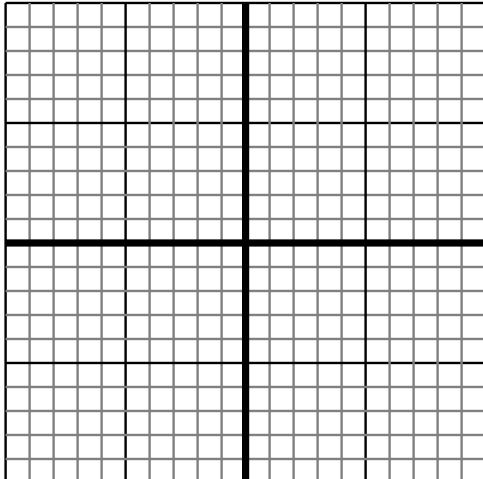


Drawing Line with Different Rate of Change

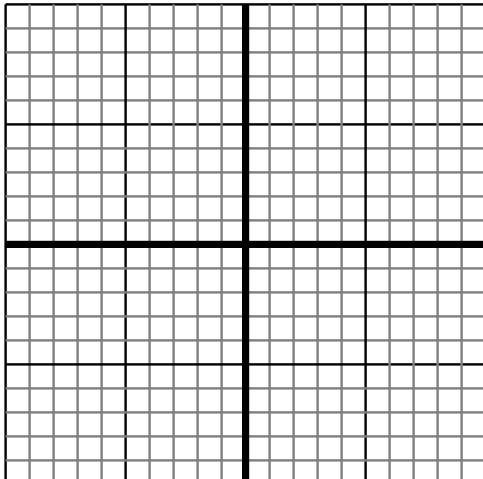
Name: _____

Sketch your line then answer with your slope.

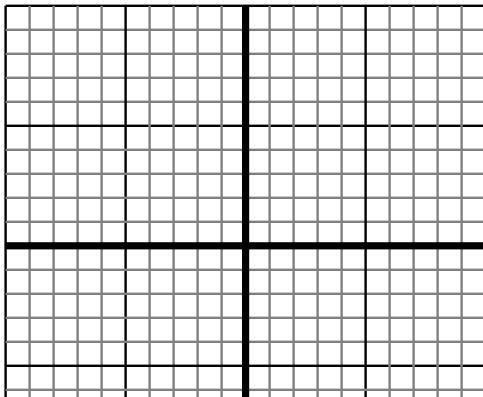
1) Sketch a line with a Y intercept of 5 and a greater rate of change than: $Y = \frac{-3}{-7} + 5$



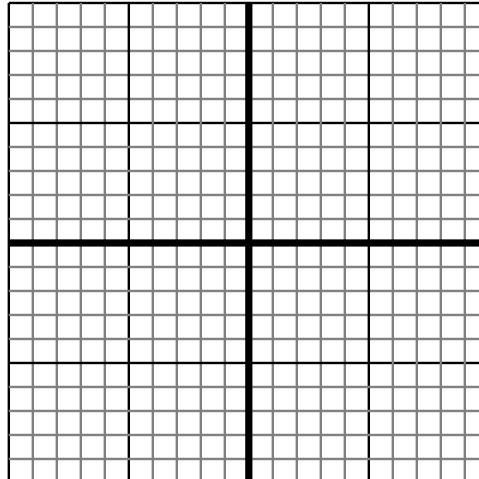
3) Sketch a line with a Y intercept of -7 and a smaller rate of change than: $Y = \frac{-9}{2} - 7$



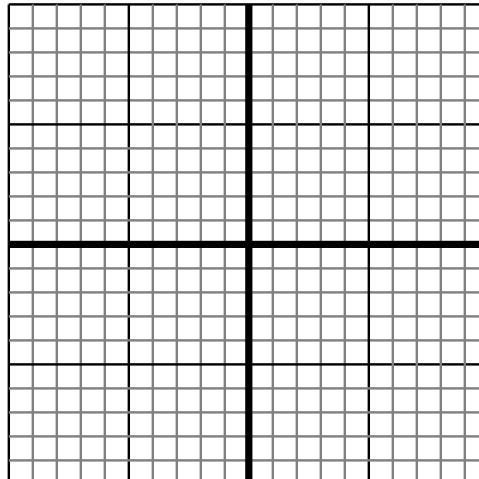
5) Sketch a line with a Y intercept of -8 and a greater rate of change than: $Y = \frac{-3}{-5} - 8$



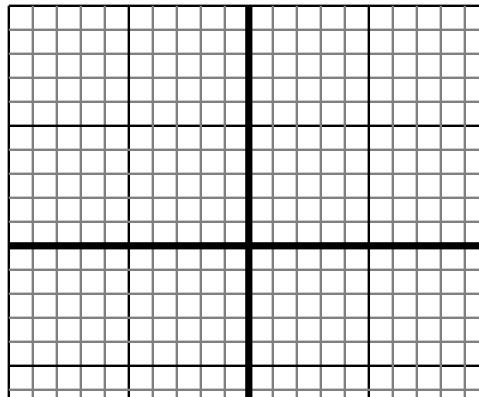
2) Sketch a line with a Y intercept of 9 and a smaller rate of change than: $Y = \frac{-6}{4} + 9$



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



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



Answers

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

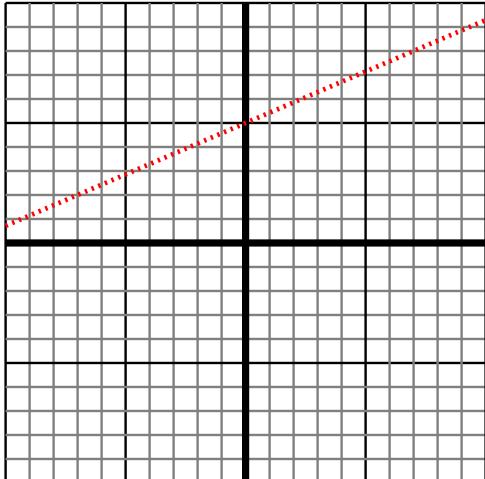


Drawing Line with Different Rate of Change

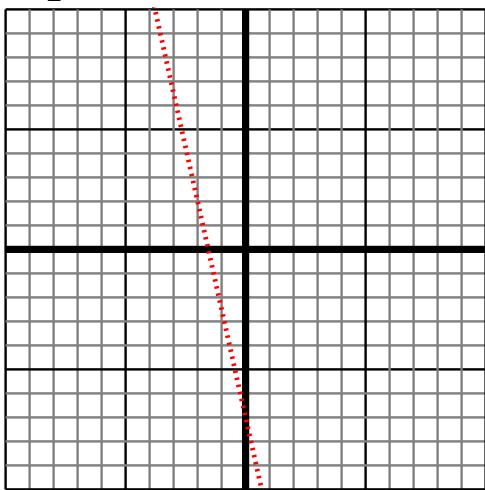
Name: **Answer Key**

Sketch your line then answer with your slope.

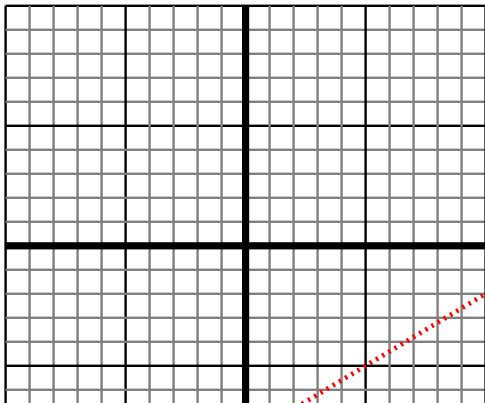
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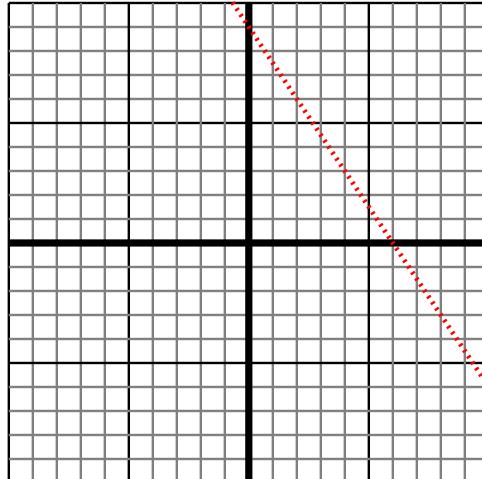
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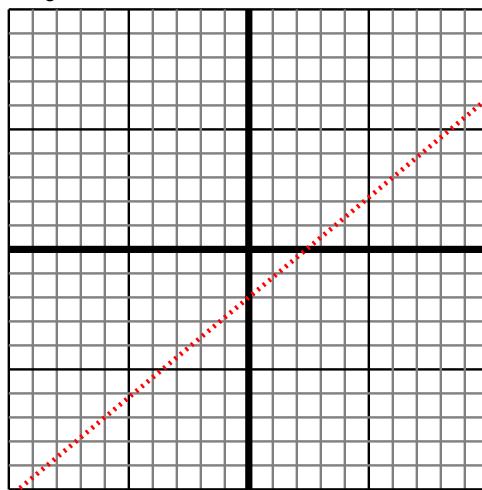
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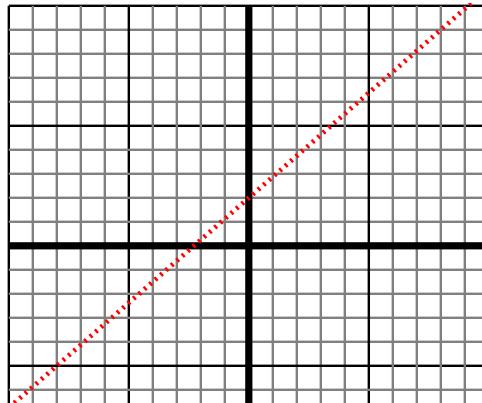
2) Sketch a line with a Y intercept of 9 and a smaller rate of change than: $Y = \frac{-6}{4} + 9$



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



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

**Answers**

1. $> |\frac{-3}{-7}|$

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

3. $< |\frac{-9}{2}|$

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

5. $> |\frac{-3}{-5}|$

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