

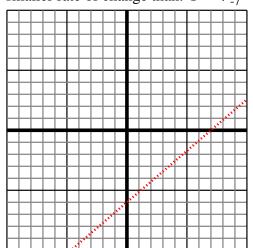
### Drawing Line with Different Rate of Change Name: Sketch your line then answer with your slope. <u>Answers</u> 1) Sketch a line with a Y intercept of -6 and a 2) Sketch a line with a Y intercept of 1 and a smaller rate of change than: $Y = \frac{-6}{-7} - 6$ smaller rate of change than: $Y = \frac{6}{-6} + 1$ 1. 2. \_\_\_\_\_ 3. 5. 6. Sketch a line with a Y intercept of 0 and a 3) **4**) Sketch a line with a Y intercept of 5 and a smaller rate of change than: $Y = \frac{4}{8} + 0$ greater rate of change than: $Y = \frac{-6}{3} + 5$ 5) Sketch a line with a Y intercept of 0 and a 6) Sketch a line with a Y intercept of -1 and a smaller rate of change than: $Y = \frac{-3}{8} + 0$ smaller rate of change than: $Y = \frac{6}{7} - 1$

Math

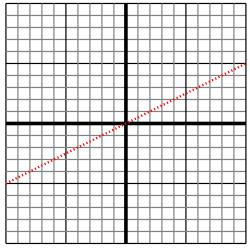
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83 67 50 33 17 0 1-6

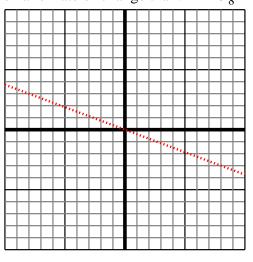
1) Sketch a line with a Y intercept of -6 and a 2) smaller rate of change than:  $Y = \frac{-6}{2} - 6$ 



Sketch a line with a Y intercept of 0 and a 3) smaller rate of change than:  $Y = \frac{4}{8} + 0$ 



5) Sketch a line with a Y intercept of 0 and a 6) smaller rate of change than:  $Y = \frac{-3}{8} + 0$ 



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

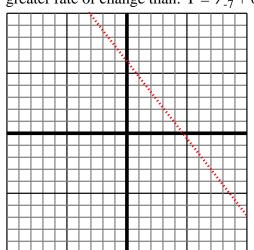
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Math

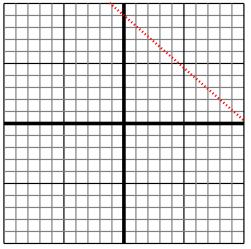


# Sketch your line then answer with your slope. <u>Answers</u> Sketch a line with a Y intercept of -7 and a 1) Sketch a line with a Y intercept of 6 and a 2) greater rate of change than: $Y = \frac{9}{27} + 6$ greater rate of change than: $Y = \frac{-8}{-6} - 7$ 1. 2. \_\_\_\_\_ 3. 5. 6. 3) Sketch a line with a Y intercept of 9 and a Sketch a line with a Y intercept of -3 and a **4**) smaller rate of change than: $Y = \frac{7}{28} + 9$ greater rate of change than: $Y = \frac{7}{9} - 3$ 5) Sketch a line with a Y intercept of -9 and a 6) Sketch a line with a Y intercept of -3 and a greater rate of change than: $Y = \frac{9}{-4} - 9$ smaller rate of change than: $Y = \frac{4}{2} - 3$

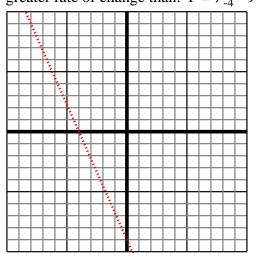
1) Sketch a line with a Y intercept of 6 and a 2) greater rate of change than:  $Y = \frac{9}{-7} + 6$ 



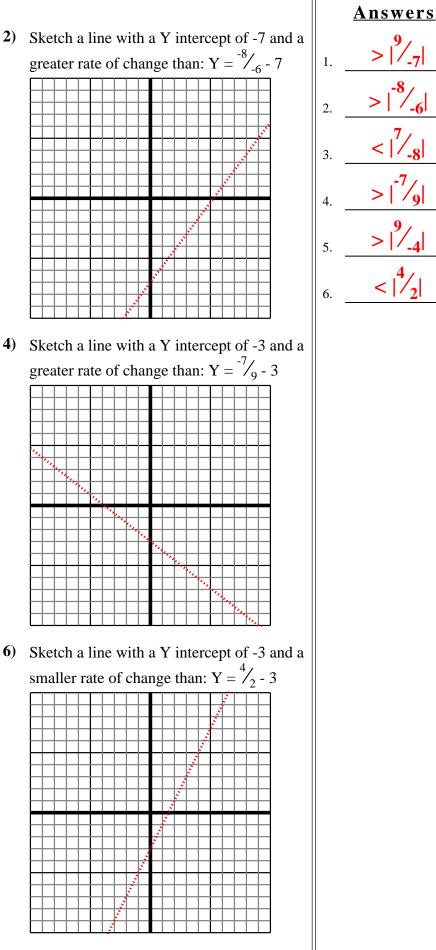
3) Sketch a line with a Y intercept of 9 and a smaller rate of change than:  $Y = \frac{7}{_{-8}} + 9$ 



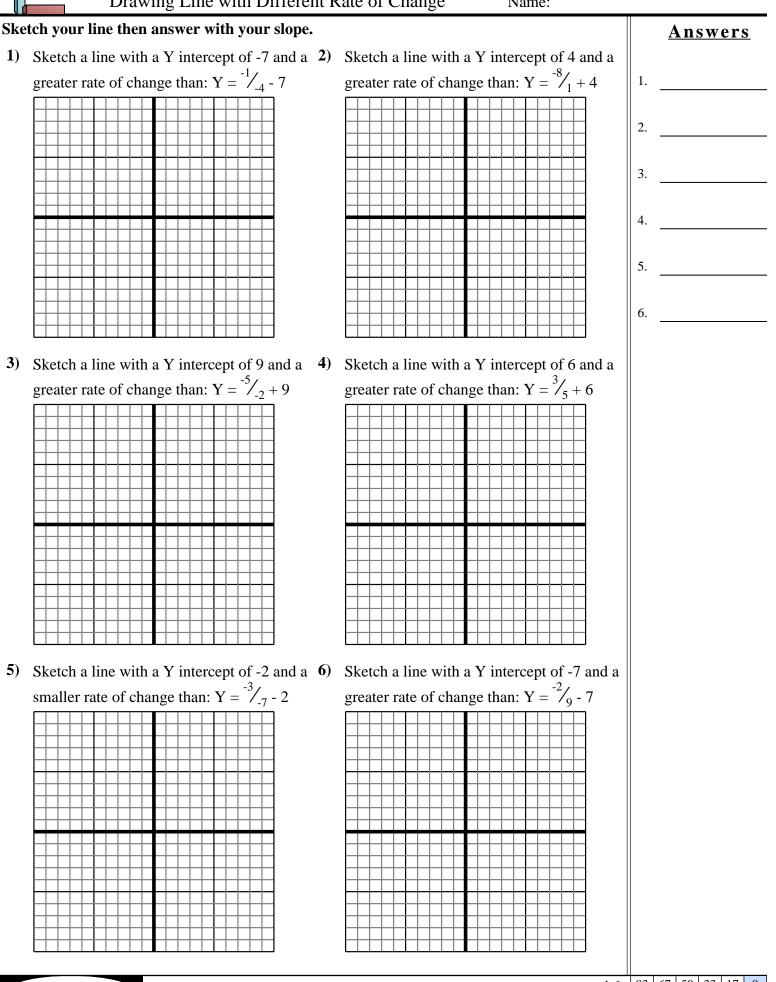
5) Sketch a line with a Y intercept of -9 and a 6) greater rate of change than:  $Y = \frac{9}{-4} - 9$ 



Math







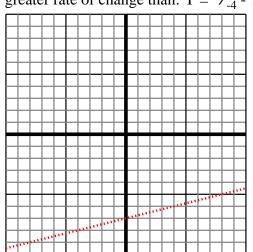
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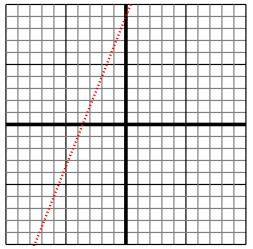
83 67 50 33 17 0 1-6



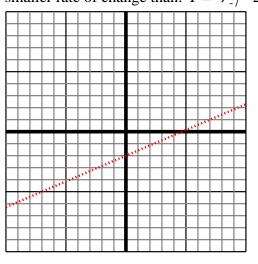
1) Sketch a line with a Y intercept of -7 and a 2) greater rate of change than:  $Y = \frac{1}{4} - 7$ 



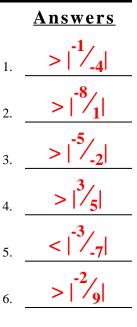
3) Sketch a line with a Y intercept of 9 and a greater rate of change than:  $Y = \frac{-5}{-2} + 9$ 



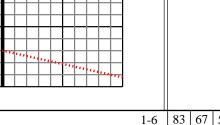
5) Sketch a line with a Y intercept of -2 and a 6) smaller rate of change than:  $Y = \frac{-3}{-7} - 2$ 



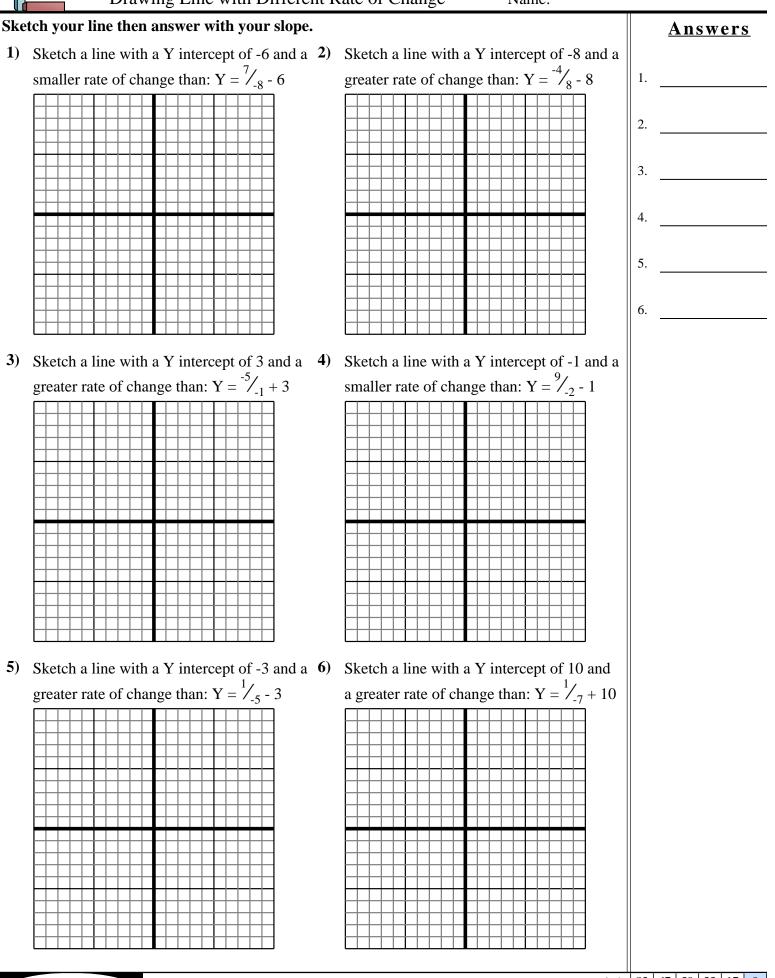
Sketch a line with a Y intercept of 4 and a greater rate of change than:  $Y = \frac{-8}{1} + 4$ 1. 2. 3. 5. Sketch a line with a Y intercept of 6 and a greater rate of change than:  $Y = \frac{3}{5} + 6$ Sketch a line with a Y intercept of -7 and a greater rate of change than:  $Y = \frac{-2}{9} - 7$ 



**4**)





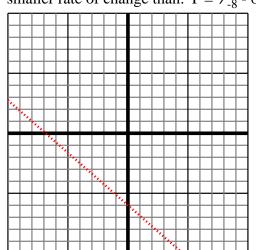


Math

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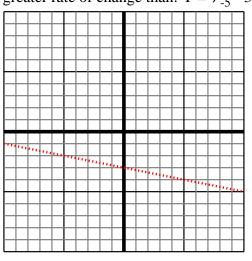
1-6 83 67 50 33 17 **0** 

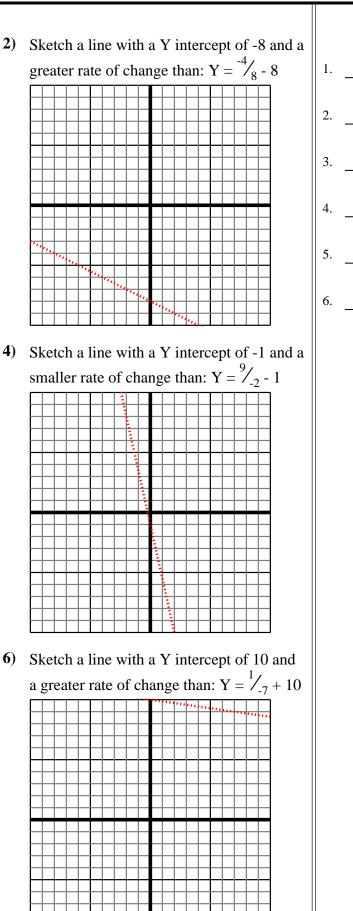
1) Sketch a line with a Y intercept of -6 and a 2) smaller rate of change than:  $Y = \frac{7}{_{-8}} - 6$ 

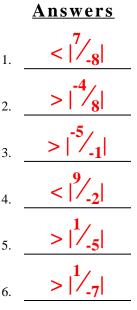


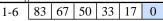
3) Sketch a line with a Y intercept of 3 and a greater rate of change than:  $Y = \frac{-5}{-1} + 3$ 

5) Sketch a line with a Y intercept of -3 and a 6) greater rate of change than:  $Y = \frac{1}{5} - 3$ 









4

Math



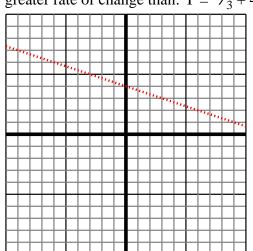
## Sketch your line then answer with your slope. <u>Answers</u> Sketch a line with a Y intercept of -8 and a 1) Sketch a line with a Y intercept of 4 and a 2) greater rate of change than: $Y = \frac{1}{3} + 4$ greater rate of change than: $Y = \frac{-7}{2} - 8$ 1. 2. \_\_\_\_\_ 3. 5. 6. Sketch a line with a Y intercept of 9 and a Sketch a line with a Y intercept of -2 and a **4**) 3) smaller rate of change than: $Y = \frac{6}{-6} + 9$ smaller rate of change than: $Y = \frac{-8}{.3} - 2$ 5) Sketch a line with a Y intercept of -4 and a 6) Sketch a line with a Y intercept of 4 and a greater rate of change than: $Y = \frac{-7}{3} - 4$ smaller rate of change than: $Y = \frac{8}{6} + 4$ Math



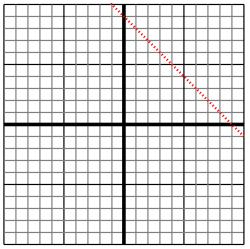
**4**)

#### Sketch your line then answer with your slope.

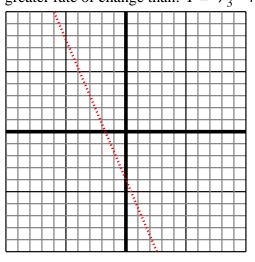
1) Sketch a line with a Y intercept of 4 and a 2) greater rate of change than:  $Y = \frac{-1}{3} + 4$ 



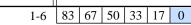
3) Sketch a line with a Y intercept of 9 and a smaller rate of change than:  $Y = \frac{6}{-6} + 9$ 



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



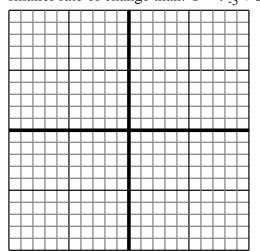
<u>Answers</u> Sketch a line with a Y intercept of -8 and a greater rate of change than:  $Y = \frac{-7}{2} - 8$ 1. 2. 3. 5. Sketch a line with a Y intercept of -2 and a smaller rate of change than:  $Y = \frac{-8}{-3} - 2$ Sketch a line with a Y intercept of 4 and a smaller rate of change than:  $Y = \frac{8}{6} + 4$ 



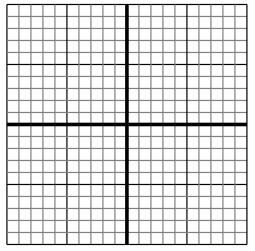
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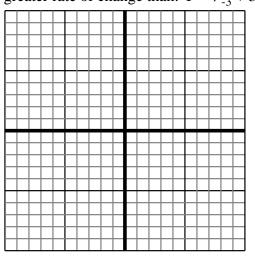
1) Sketch a line with a Y intercept of 5 and a 2) smaller rate of change than:  $Y = \frac{1}{-5} + 5$ 

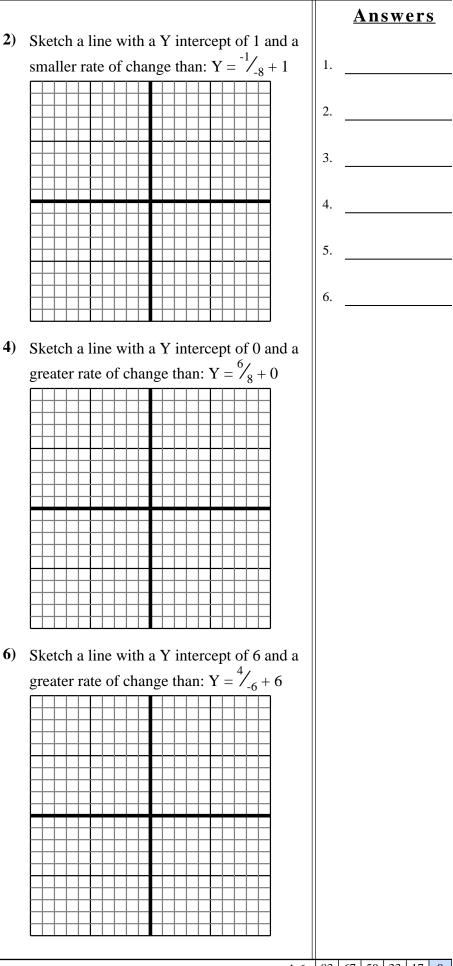


3) Sketch a line with a Y intercept of 3 and a greater rate of change than:  $Y = \frac{5}{-2} + 3$ 



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



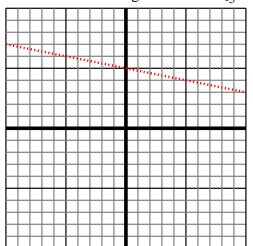


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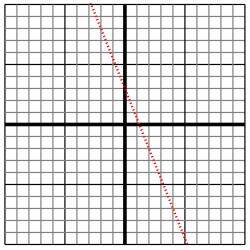
1-6 83 67 50 33 17 0



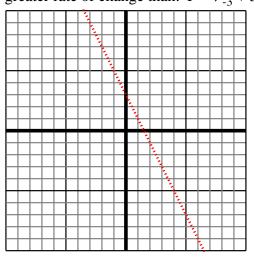
1) Sketch a line with a Y intercept of 5 and a 2) smaller rate of change than:  $Y = \frac{1}{-5} + 5$ 



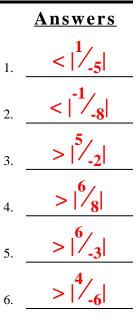
3) Sketch a line with a Y intercept of 3 and a greater rate of change than:  $Y = \frac{5}{2} + 3$ 



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



Sketch a line with a Y intercept of 1 and a smaller rate of change than:  $Y = \frac{1}{8} + 1$ 1. 2. 3. 5. Sketch a line with a Y intercept of 0 and a greater rate of change than:  $Y = \frac{6}{8} + 0$ Sketch a line with a Y intercept of 6 and a greater rate of change than:  $Y = \frac{4}{-6} + 6$ 



**4**)

6

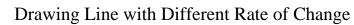
Math



# Sketch your line then answer with your slope. <u>Answers</u> 1) Sketch a line with a Y intercept of 4 and a 2) Sketch a line with a Y intercept of 2 and a smaller rate of change than: $Y = \frac{7}{8} + 4$ greater rate of change than: $Y = \frac{-4}{-6} + 2$ 1. 2. \_\_\_\_\_ 3. 5. 6. 3) Sketch a line with a Y intercept of -3 and a 4) Sketch a line with a Y intercept of -5 and a smaller rate of change than: $Y = \frac{3}{7} - 3$ greater rate of change than: $Y = \frac{-4}{1} - 5$ 5) Sketch a line with a Y intercept of -10 and 6) Sketch a line with a Y intercept of -8 and a a greater rate of change than: $Y = \frac{-8}{6} - 10$ smaller rate of change than: $Y = \frac{-4}{-6} - 8$ 1-6

7

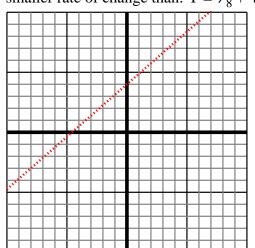
83 67 50 33 17 0



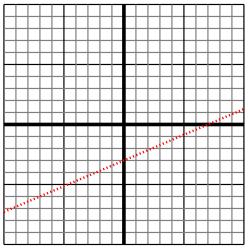
**Answer Key** Name:

#### Sketch your line then answer with your slope.

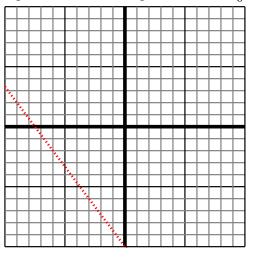
1) Sketch a line with a Y intercept of 4 and a 2) smaller rate of change than:  $Y = \frac{7}{8} + 4$ 

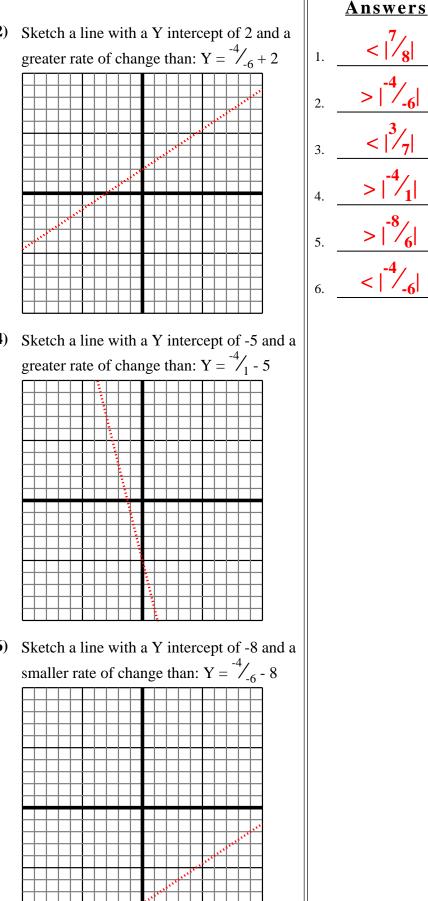


Sketch a line with a Y intercept of -3 and a 4) 3) smaller rate of change than:  $Y = \frac{3}{7} - 3$ 



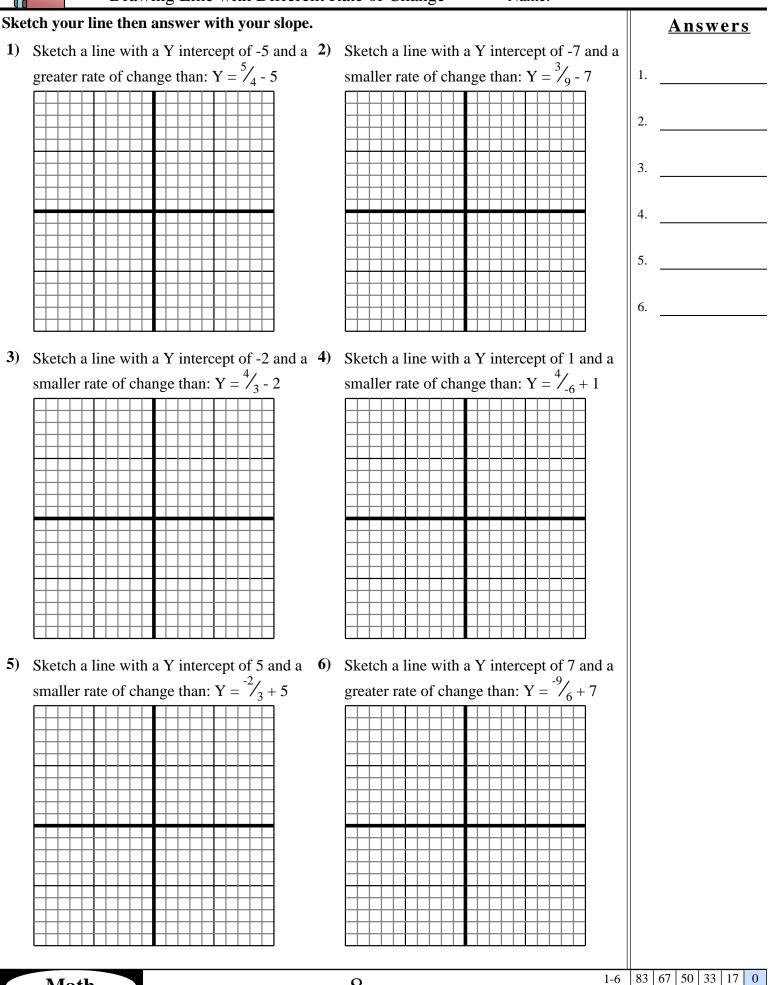
5) Sketch a line with a Y intercept of -10 and 6) a greater rate of change than:  $Y = \frac{-8}{6} - 10$ 

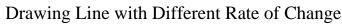






3)

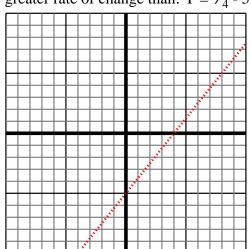




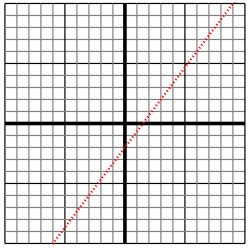
Name: **Answer Key** 

#### Sketch your line then answer with your slope.

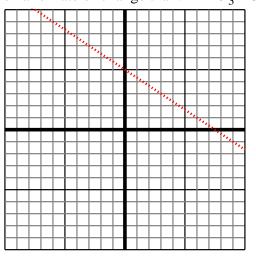
1) Sketch a line with a Y intercept of -5 and a 2) greater rate of change than:  $Y = \frac{5}{4} - 5$ 



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

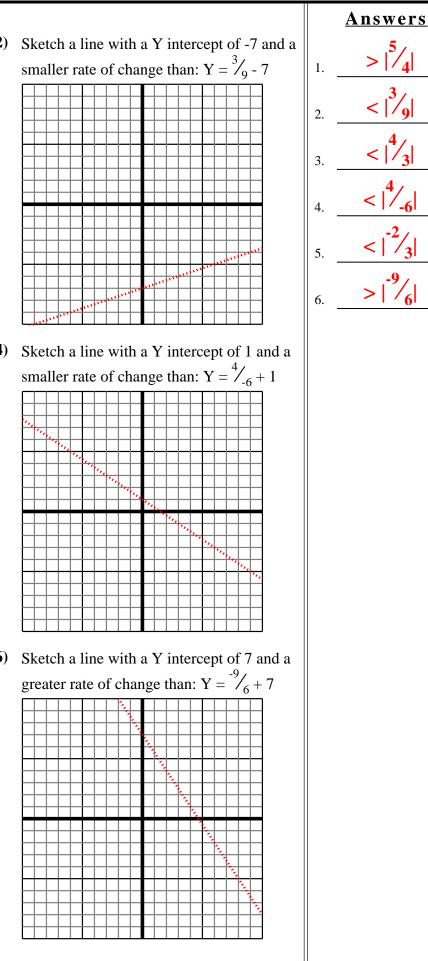


5) Sketch a line with a Y intercept of 5 and a 6) smaller rate of change than:  $Y = \frac{-2}{3} + 5$ 



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Math



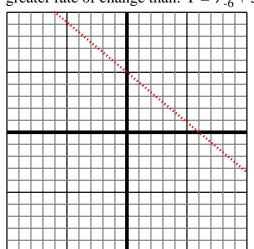


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### Sketch your line then answer with your slope. <u>Answers</u> Sketch a line with a Y intercept of -2 and a 1) Sketch a line with a Y intercept of 5 and a 2) greater rate of change than: $Y = \frac{5}{-6} + 5$ smaller rate of change than: $Y = \frac{-8}{1} - 2$ 1. 2. \_\_\_\_\_ 3. 5. 6. 3) Sketch a line with a Y intercept of -6 and a 4) Sketch a line with a Y intercept of 5 and a greater rate of change than: $Y = \frac{4}{2} - 6$ greater rate of change than: $Y = \frac{5}{27} + 5$ 5) Sketch a line with a Y intercept of 2 and a Sketch a line with a Y intercept of 1 and a 6) greater rate of change than: $Y = \frac{6}{2} + 2$ smaller rate of change than: $Y = \frac{6}{3} + 1$ 83 67 50 33 17 0 1-6 Math 9

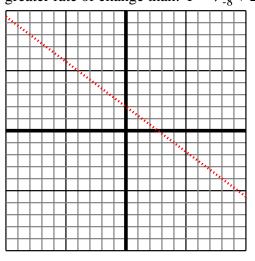


1) Sketch a line with a Y intercept of 5 and a 2) greater rate of change than:  $Y = \frac{5}{-6} + 5$ 

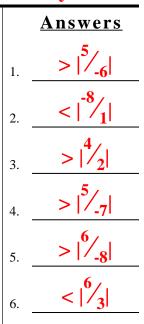


3) Sketch a line with a Y intercept of -6 and a 4) greater rate of change than:  $Y = \frac{4}{2} - 6$ 

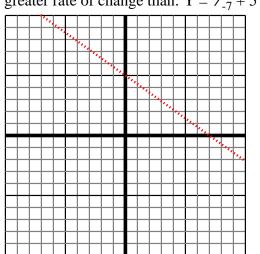
5) Sketch a line with a Y intercept of 2 and a 6) greater rate of change than:  $Y = \frac{6}{28} + 2$ 



Sketch a line with a Y intercept of -2 and a smaller rate of change than:  $Y = \frac{-8}{1} - 2$ 



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



6) Sketch a line with a Y intercept of 1 and a smaller rate of shares there  $Y = \frac{6}{1} + 1$ 

smaller rate of change than:  $Y = \frac{6}{3} + 1$ 

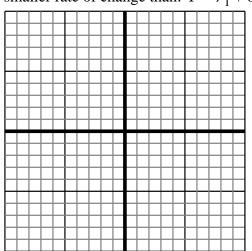
9



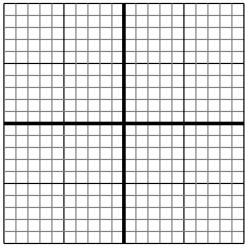
**4**)

## Sketch your line then answer with your slope.

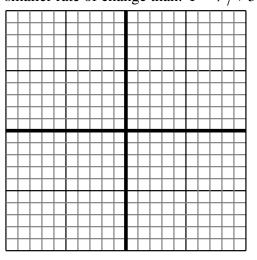
1) Sketch a line with a Y intercept of 8 and a 2) smaller rate of change than:  $Y = \frac{9}{1} + 8$ 

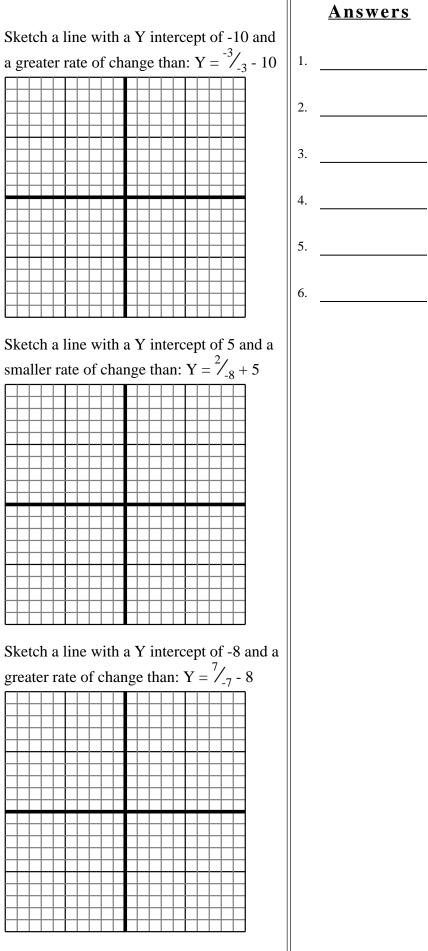


Sketch a line with a Y intercept of 9 and a 3) smaller rate of change than:  $Y = \frac{8}{-6} + 9$ 



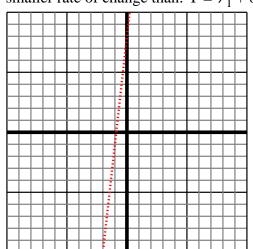
5) Sketch a line with a Y intercept of 5 and a 6) smaller rate of change than:  $Y = \frac{6}{7} + 5$ 



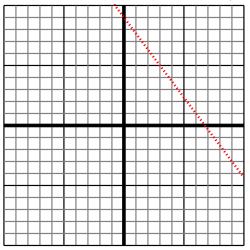




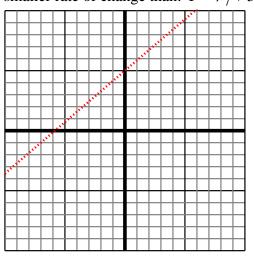
1) Sketch a line with a Y intercept of 8 and a 2) smaller rate of change than:  $Y = \frac{9}{1} + 8$ 

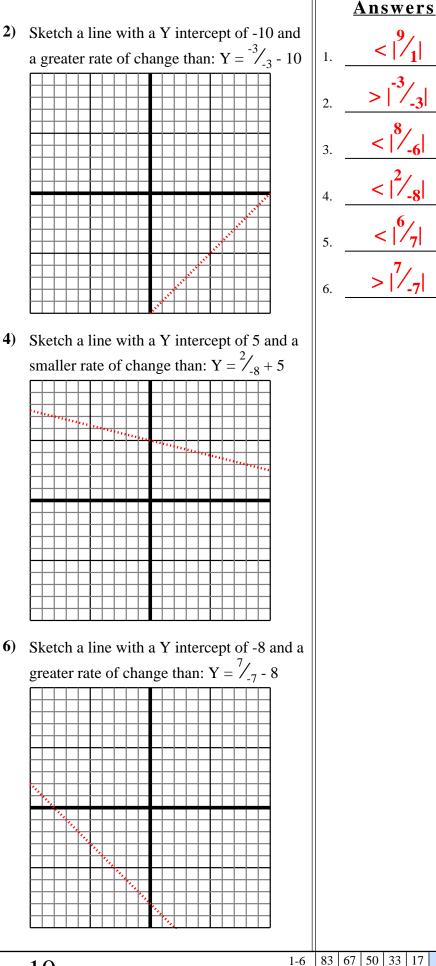


Sketch a line with a Y intercept of 9 and a 3) smaller rate of change than:  $Y = \frac{8}{-6} + 9$ 



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





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