

**Identify the rate of change for each equation.****Answers**

- 1) The Y Intercept is -9. While X decreases by 2, Y decreases by 8
- 2) The Y Intercept is 6. While X increases by 7, Y decreases by 3
- 3) The Y Intercept is 1. While X decreases by 9, Y decreases by 6
- 4) The Y Intercept is -3. While X decreases by 4, Y decreases by 8
- 5) The Y Intercept is 4. While X decreases by 9, Y decreases by 6
- 6) The Y Intercept is 6. While X decreases by 4, Y increases by 2
- 7) The Y Intercept is -3. While X decreases by 9, Y increases by 4
- 8) The Y Intercept is 4. While X increases by 10, Y increases by 6
- 9) The Y Intercept is -6. While X decreases by 6, Y increases by 3
- 10) The Y Intercept is 9. While X increases by 8, Y decreases by 9
- 11) The Y Intercept is 2. While X decreases by 9, Y increases by 6
- 12) The Y Intercept is -9. While X increases by 6, Y increases by 6
- 13) The Y Intercept is -4. While X increases by 3, Y decreases by 4
- 14) The Y Intercept is 7. While X decreases by 4, Y increases by 1
- 15) The Y Intercept is -10. While X decreases by 7, Y increases by 4
- 16) The Y Intercept is -7. While X decreases by 8, Y decreases by 3
- 17) The Y Intercept is -6. While X increases by 9, Y decreases by 4
- 18) The Y Intercept is 5. While X decreases by 10, Y increases by 5
- 19) The Y Intercept is 1. While X increases by 7, Y decreases by 1
- 20) The Y Intercept is 1. While X increases by 4, Y decreases by 5

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Answers

1. $\frac{-4}{2}$
2. $\frac{-3}{7}$
3. $\frac{-6}{-9}$
4. $\frac{-2}{4}$
5. $\frac{-6}{-9}$
6. $\frac{2}{-4}$
7. $\frac{4}{-9}$
8. $\frac{6}{10}$
9. $\frac{3}{-6}$
10. $\frac{-9}{8}$
11. $\frac{6}{-9}$
12. $\frac{1}{6}$
13. $\frac{-4}{3}$
14. $\frac{1}{-4}$
15. $\frac{4}{-7}$
16. $\frac{-3}{-8}$
17. $\frac{-4}{9}$
18. $\frac{5}{-10}$
19. $\frac{-1}{7}$
20. $\frac{-5}{4}$