

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

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

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Answers

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