

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

- 1) The Y Intercept is 1. While X increases by 5, Y decreases by 3
- 2) The Y Intercept is -9. While X decreases by 3, Y decreases by 4
- 3) The Y Intercept is -4. While X increases by 7, Y increases by 9
- 4) The Y Intercept is 4. While X increases by 2, Y decreases by 3
- 5) The Y Intercept is 2. While X increases by 4, Y increases by 6
- 6) The Y Intercept is 0. While X increases by 4, Y increases by 3
- 7) The Y Intercept is -10. While X decreases by 2, Y decreases by 10
- 8) The Y Intercept is 2. While X increases by 3, Y increases by 10
- 9) The Y Intercept is -5. While X increases by 7, Y increases by 7
- 10) The Y Intercept is 9. While X increases by 10, Y decreases by 1
- 11) The Y Intercept is 10. While X decreases by 1, Y increases by 6
- 12) The Y Intercept is -4. While X increases by 8, Y increases by 6
- 13) The Y Intercept is -3. While X increases by 6, Y increases by 1
- 14) The Y Intercept is -8. While X decreases by 9, Y increases by 1
- 15) The Y Intercept is 8. While X increases by 7, Y decreases by 4
- 16) The Y Intercept is 10. While X increases by 3, Y increases by 3
- 17) The Y Intercept is 3. While X increases by 3, Y decreases by 3
- 18) The Y Intercept is -1. While X increases by 5, Y increases by 9
- 19) The Y Intercept is 9. While X increases by 5, Y increases by 7
- 20) The Y Intercept is -2. While X decreases by 4, Y increases by 8

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Answers

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