

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

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

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Answers

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