

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

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

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Answers

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