

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

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

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Answers

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