

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

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

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- 19) The Y Intercept is 1. While X increases by 2, Y decreases by 7.
- 20) The Y Intercept is 10. While X decreases by 5, Y increases by 4.

**Answers**

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