

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

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

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**Answers**

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