



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

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

**Answers**

1. \_\_\_\_\_
2. \_\_\_\_\_
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**Answers**

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