



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

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

**Answers**

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2. \_\_\_\_\_
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- 4) The Y Intercept is -3. While X decreases by 10, Y increases by 8
- 5) The Y Intercept is 6. While X decreases by 8, Y decreases by 1
- 6) The Y Intercept is 0. While X increases by 10, Y increases by 9
- 7) The Y Intercept is 10. While X decreases by 9, Y increases by 3
- 8) The Y Intercept is -8. While X increases by 4, Y decreases by 4
- 9) The Y Intercept is -4. While X increases by 6, Y increases by 5
- 10) The Y Intercept is -1. While X increases by 6, Y increases by 2
- 11) The Y Intercept is 6. While X decreases by 9, Y increases by 7
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**Answers**

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