



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

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

**Answers**

1. \_\_\_\_\_
2. \_\_\_\_\_
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- 19) The Y Intercept is 6. While X decreases by 4, Y decreases by 6
- 20) The Y Intercept is 6. While X decreases by 5, Y decreases by 8

**Answers**

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