



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

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

**Answers**

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**Answers**

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