



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

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

**Answers**

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Answers

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