



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

**Answers**

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

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

**Answers**

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