

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

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

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**Answers**

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