

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

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

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**Answers**

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