



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

**Answers**

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

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_

13. \_\_\_\_\_

14. \_\_\_\_\_

15. \_\_\_\_\_

16. \_\_\_\_\_

17. \_\_\_\_\_

18. \_\_\_\_\_

19. \_\_\_\_\_

20. \_\_\_\_\_



Identify the rate of change for each equation.

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

Answers

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