



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

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

**Answers**

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

**Answers**

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