



Identify the rate of change for each equation.

Answers

1)  $y = -3x + 7$

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

2)  $y = -\frac{1}{10}x - 9$

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

3)  $y = -\frac{10}{4}x - 9$

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

4)  $y = -\frac{8}{-5}x + 9$

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

5)  $y = \frac{8}{3}x - 8$

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

6)  $y = 1x + 2$

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

7)  $y = \frac{8}{-7}x - 1$

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

8)  $y = \frac{7}{-3}x - 3$

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

9)  $y = -\frac{4}{-8}x + 1$

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

10)  $y = \frac{8}{6}x - 4$

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

11)  $y = -\frac{9}{-6}x - 3$

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

12)  $y = -2x + 5$

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

13)  $y = -\frac{9}{-8}x + 0$

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

14)  $y = \frac{3}{-5}x - 10$

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

15)  $y = -\frac{3}{9}x - 6$

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

16)  $y = \frac{2}{-8}x - 10$

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

17)  $y = -\frac{5}{-3}x - 1$

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

18)  $y = \frac{6}{5}x + 7$

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

19)  $y = 2x + 0$

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



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Answers

- |                              |   |
|------------------------------|---|
| 1) $y = -3x + 7$             | 1. <u> -3 </u>                          |
| 2) $y = -\frac{1}{10}x - 9$  | 2. <u> <math>-\frac{1}{10}</math> </u>  |
| 3) $y = -\frac{10}{4}x - 9$  | 3. <u> <math>-\frac{10}{4}</math> </u>  |
| 4) $y = -\frac{8}{-5}x + 9$  | 4. <u> <math>-\frac{8}{-5}</math> </u>  |
| 5) $y = \frac{8}{3}x - 8$    | 5. <u> <math>\frac{8}{3}</math> </u>    |
| 6) $y = 1x + 2$              | 6. <u> 1 </u>                           |
| 7) $y = \frac{8}{-7}x - 1$   | 7. <u> <math>\frac{8}{-7}</math> </u>   |
| 8) $y = \frac{7}{-3}x - 3$   | 8. <u> <math>\frac{7}{-3}</math> </u>   |
| 9) $y = -\frac{4}{-8}x + 1$  | 9. <u> <math>\frac{-4}{-8}</math> </u>  |
| 10) $y = \frac{8}{6}x - 4$   | 10. <u> <math>\frac{8}{6}</math> </u>   |
| 11) $y = -\frac{9}{-6}x - 3$ | 11. <u> <math>\frac{-9}{-6}</math> </u> |
| 12) $y = -2x + 5$            | 12. <u> -2 </u>                         |
| 13) $y = -\frac{9}{-8}x + 0$ | 13. <u> <math>\frac{-9}{-8}</math> </u> |
| 14) $y = \frac{3}{-5}x - 10$ | 14. <u> <math>\frac{3}{-5}</math> </u>  |
| 15) $y = -\frac{3}{9}x - 6$  | 15. <u> <math>\frac{-3}{9}</math> </u>  |
| 16) $y = \frac{2}{-8}x - 10$ | 16. <u> <math>\frac{2}{-8}</math> </u>  |
| 17) $y = -\frac{5}{-3}x - 1$ | 17. <u> <math>\frac{-5}{-3}</math> </u> |
| 18) $y = \frac{6}{5}x + 7$   | 18. <u> <math>\frac{6}{5}</math> </u>   |
| 19) $y = 2x + 0$             | 19. <u> 2 </u>                          |