



Identify the rate of change for each equation.

Answers

1)  $y = -\frac{2}{6}x + 6$

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

2)  $y = \frac{6}{-10}x + 9$

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

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

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

4)  $y = \frac{8}{-10}x - 3$

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

5)  $y = -\frac{1}{-8}x + 6$

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

6)  $y = \frac{9}{10}x + 0$

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

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

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

8)  $y = -1x - 8$

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

9)  $y = \frac{5}{6}x - 4$

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

10)  $y = \frac{2}{6}x - 1$

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

11)  $y = \frac{7}{-9}x + 6$

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

12)  $y = -\frac{2}{-3}x + 7$

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

13)  $y = -5x + 2$

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

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

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

15)  $y = -3x + 1$

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

16)  $y = -\frac{9}{-8}x - 8$

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

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

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

18)  $y = 8x + 7$

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

19)  $y = -8x + 7$

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



Identify the rate of change for each equation.

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

**Answers**

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



Identify the rate of change for each equation.

Answers

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

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

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

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

3)  $y = -2x + 5$

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

4)  $y = -\frac{8}{6}x + 3$

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

5)  $y = \frac{1}{8}x + 10$

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

6)  $y = 3x + 4$

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

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

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

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

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

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

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

10)  $y = \frac{1}{10}x - 8$

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

11)  $y = -5x + 8$

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

12)  $y = -\frac{2}{4}x + 9$

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

13)  $y = -2x + 0$

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

14)  $y = \frac{9}{2}x + 5$

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

15)  $y = -10x + 3$

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

16)  $y = \frac{2}{10}x + 1$

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

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

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

18)  $y = -\frac{10}{8}x + 10$

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

19)  $y = 7x + 1$

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



Identify the rate of change for each equation.

Answers

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

1.  $|\frac{-1}{-10}|$

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

2.  $|\frac{2}{-10}|$

3)  $y = -2x + 5$

3.  $|-2|$

4)  $y = -\frac{8}{6}x + 3$

4.  $|\frac{-8}{6}|$

5)  $y = \frac{1}{8}x + 10$

5.  $|\frac{1}{8}|$

6)  $y = 3x + 4$

6.  $|3|$

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

7.  $|\frac{-6}{8}|$

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

8.  $|\frac{1}{2}|$

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

9.  $|\frac{-4}{-10}|$

10)  $y = \frac{1}{-10}x - 8$

10.  $|\frac{1}{-10}|$

11)  $y = -5x + 8$

11.  $|-5|$

12)  $y = -\frac{2}{4}x + 9$

12.  $|\frac{-2}{4}|$

13)  $y = -2x + 0$

13.  $|-2|$

14)  $y = \frac{9}{2}x + 5$

14.  $|\frac{9}{2}|$

15)  $y = -10x + 3$

15.  $|-10|$

16)  $y = \frac{2}{10}x + 1$

16.  $|\frac{2}{10}|$

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

17.  $|\frac{9}{8}|$

18)  $y = -\frac{10}{-8}x + 10$

18.  $|\frac{-10}{-8}|$

19)  $y = 7x + 1$

19.  $|7|$



Identify the rate of change for each equation.

Answers

1)  $y = 4x - 9$

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

2)  $y = \frac{-3}{7}x + 6$

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

3)  $y = \frac{-6}{-9}x + 1$

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

4)  $y = 2x - 3$

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

5)  $y = \frac{-6}{-9}x + 4$

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

6)  $y = \frac{2}{-4}x + 6$

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

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

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

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

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

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

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

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

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

11)  $y = \frac{6}{-9}x + 2$

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

12)  $y = 1x - 9$

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

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

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

14)  $y = \frac{1}{-4}x + 7$

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

15)  $y = \frac{4}{-7}x - 10$

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

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

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

17)  $y = \frac{-4}{9}x - 6$

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

18)  $y = \frac{5}{-10}x + 5$

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

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

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



Identify the rate of change for each equation.

Answers

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



Identify the rate of change for each equation.

Answers

1)  $y = -\frac{2}{6}x + 3$

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

2)  $y = -3x - 8$

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

3)  $y = \frac{4}{8}x + 8$

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

4)  $y = -\frac{5}{2}x + 10$

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

5)  $y = -\frac{2}{-9}x - 7$

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

6)  $y = 1x - 6$

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

7)  $y = 6x - 4$

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

8)  $y = \frac{1}{3}x - 4$

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

9)  $y = -\frac{6}{4}x - 7$

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

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

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

11)  $y = -\frac{4}{7}x + 3$

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

12)  $y = 2x - 1$

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

13)  $y = \frac{5}{8}x + 7$

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

14)  $y = \frac{4}{-7}x + 1$

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

15)  $y = 3x - 1$

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

16)  $y = \frac{5}{7}x + 0$

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

17)  $y = \frac{3}{-4}x + 2$

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

18)  $y = \frac{3}{6}x + 7$

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

19)  $y = \frac{2}{-6}x - 3$

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



Identify the rate of change for each equation.

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

Answers

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





Identify the rate of change for each equation.

Answers

1)  $y = \frac{-5}{10}x + 10$

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

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

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

3)  $y = \frac{-10}{-9}x + 7$

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

4)  $y = 1x + 8$

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

5)  $y = \frac{-7}{-9}x + 6$

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

6)  $y = -9x + 0$

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

7)  $y = \frac{-9}{-7}x - 1$

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

8)  $y = \frac{-5}{7}x + 2$

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

9)  $y = \frac{6}{8}x + 8$

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

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

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

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

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

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

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

13)  $y = \frac{10}{6}x - 2$

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

14)  $y = 2x + 7$

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

15)  $y = -2x - 1$

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

16)  $y = 1x - 8$

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

17)  $y = \frac{5}{-7}x + 3$

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

18)  $y = \frac{-3}{-2}x - 6$

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

19)  $y = \frac{-3}{9}x - 5$

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



Identify the rate of change for each equation.

1)  $y = \frac{-5}{10}x + 10$

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

3)  $y = \frac{-10}{-9}x + 7$

4)  $y = 1x + 8$

5)  $y = \frac{-7}{-9}x + 6$

6)  $y = -9x + 0$

7)  $y = \frac{-9}{-7}x - 1$

8)  $y = \frac{-5}{7}x + 2$

9)  $y = \frac{6}{8}x + 8$

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

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

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

13)  $y = \frac{10}{6}x - 2$

14)  $y = 2x + 7$

15)  $y = -2x - 1$

16)  $y = 1x - 8$

17)  $y = \frac{5}{-7}x + 3$

18)  $y = \frac{-3}{-2}x - 6$

19)  $y = \frac{-3}{9}x - 5$

Answers

1.  $\frac{-5}{10}$

2.  $\frac{-9}{-5}$

3.  $\frac{-10}{-9}$

4.  $1$

5.  $\frac{-7}{-9}$

6.  $-9$

7.  $\frac{-9}{-7}$

8.  $\frac{-5}{7}$

9.  $\frac{6}{8}$

10.  $\frac{5}{3}$

11.  $\frac{-4}{-9}$

12.  $\frac{-3}{10}$

13.  $\frac{10}{6}$

14.  $2$

15.  $-2$

16.  $1$

17.  $\frac{5}{-7}$

18.  $\frac{-3}{-2}$

19.  $\frac{-3}{9}$



Identify the rate of change for each equation.

Answers

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

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

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

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

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

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

4)  $y = -\frac{5}{10}x + 7$

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

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

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

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

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

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

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

8)  $y = \frac{6}{5}x + 1$

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

9)  $y = -\frac{7}{6}x - 6$

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

10)  $y = -\frac{9}{4}x - 2$

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

11)  $y = \frac{8}{3}x - 2$

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

12)  $y = \frac{5}{2}x - 5$

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

13)  $y = -\frac{2}{3}x + 2$

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

14)  $y = \frac{4}{7}x - 1$

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

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

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

16)  $y = -\frac{8}{5}x + 2$

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

17)  $y = \frac{10}{8}x + 2$

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

18)  $y = -\frac{2}{5}x + 2$

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

19)  $y = \frac{8}{5}x - 6$

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



Identify the rate of change for each equation.

1)  $y = -10/-3x - 5$

2)  $y = 6/10x - 8$

3)  $y = -1/-7x + 8$

4)  $y = -5/-10x + 7$

5)  $y = -3/5x - 8$

6)  $y = -10/-4x + 3$

7)  $y = -8/10x + 4$

8)  $y = 6/-5x + 1$

9)  $y = -7/6x - 6$

10)  $y = -9/4x - 2$

11)  $y = 8/-3x - 2$

12)  $y = 5/-2x - 5$

13)  $y = -2/3x + 2$

14)  $y = 4/7x - 1$

15)  $y = -3/5x - 10$

16)  $y = -8/5x + 2$

17)  $y = 10/-8x + 2$

18)  $y = -2/5x + 2$

19)  $y = 8/-5x - 6$

Answers

1.  $-10/-3$

2.  $6/10$

3.  $-1/-7$

4.  $-5/-10$

5.  $-3/5$

6.  $-10/-4$

7.  $-8/10$

8.  $6/-5$

9.  $-7/6$

10.  $-9/4$

11.  $8/-3$

12.  $5/-2$

13.  $-2/3$

14.  $4/7$

15.  $-3/5$

16.  $-8/5$

17.  $10/-8$

18.  $-2/5$

19.  $8/-5$



Identify the rate of change for each equation.

Answers

1)  $y = 2x - 4$

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

2)  $y = \frac{-6}{-10}x - 9$

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

3)  $y = \frac{3}{-7}x - 1$

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

4)  $y = \frac{-8}{5}x - 2$

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

5)  $y = \frac{-9}{-7}x - 7$

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

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

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

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

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

8)  $y = \frac{-3}{6}x + 2$

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

9)  $y = \frac{10}{6}x + 9$

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

10)  $y = \frac{1}{9}x + 3$

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

11)  $y = \frac{9}{4}x - 6$

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

12)  $y = -2x + 4$

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

13)  $y = \frac{-1}{-3}x + 6$

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

14)  $y = \frac{7}{5}x - 1$

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

15)  $y = -1x + 8$

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

16)  $y = \frac{-8}{-3}x - 1$

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

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

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

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

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

19)  $y = \frac{2}{9}x - 5$

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



Identify the rate of change for each equation.

Answers

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



Identify the rate of change for each equation.

Answers

1)  $y = \frac{6}{7}x + 4$

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

2)  $y = 9x - 3$

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

3)  $y = -4x - 9$

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

4)  $y = -\frac{1}{7}x + 0$

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

5)  $y = -\frac{5}{8}x + 10$

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

6)  $y = -2x - 5$

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

7)  $y = -\frac{9}{5}x + 7$

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

8)  $y = -\frac{2}{4}x - 4$

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

9)  $y = \frac{3}{6}x + 2$

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

10)  $y = 2x - 8$

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

11)  $y = -\frac{3}{6}x - 8$

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

12)  $y = \frac{10}{8}x + 5$

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

13)  $y = -1x + 0$

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

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

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

15)  $y = \frac{9}{6}x - 4$

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

16)  $y = -5x + 7$

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

17)  $y = -2x - 4$

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

18)  $y = -\frac{6}{4}x - 5$

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

19)  $y = -1x - 5$

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



Identify the rate of change for each equation.

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

Answers

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





Identify the rate of change for each equation.

Answers

1)  $y = -\frac{2}{4}x + 5$

2)  $y = \frac{9}{-2}x + 6$

3)  $y = -7x + 6$

4)  $y = -\frac{2}{-9}x - 4$

5)  $y = 8x - 3$

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

7)  $y = \frac{8}{-6}x + 7$

8)  $y = -\frac{4}{-8}x - 7$

9)  $y = -\frac{8}{3}x + 0$

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

11)  $y = \frac{6}{8}x + 1$

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

13)  $y = -1x - 7$

14)  $y = \frac{2}{6}x - 8$

15)  $y = -\frac{6}{10}x + 3$

16)  $y = \frac{4}{6}x + 1$

17)  $y = -\frac{2}{-6}x - 2$

18)  $y = 3x + 0$

19)  $y = \frac{3}{2}x - 3$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



Identify the rate of change for each equation.

1)  $y = -\frac{2}{4}x + 5$

2)  $y = \frac{9}{-2}x + 6$

3)  $y = -7x + 6$

4)  $y = -\frac{2}{-9}x - 4$

5)  $y = 8x - 3$

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

7)  $y = \frac{8}{-6}x + 7$

8)  $y = -\frac{4}{-8}x - 7$

9)  $y = -\frac{8}{3}x + 0$

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

11)  $y = \frac{6}{8}x + 1$

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

13)  $y = -1x - 7$

14)  $y = \frac{2}{6}x - 8$

15)  $y = -\frac{6}{10}x + 3$

16)  $y = \frac{4}{6}x + 1$

17)  $y = -\frac{2}{-6}x - 2$

18)  $y = 3x + 0$

19)  $y = \frac{3}{2}x - 3$

Answers

1.  $|\frac{-2}{-4}|$

2.  $|\frac{9}{-2}|$

3.  $|-7|$

4.  $|\frac{-2}{-9}|$

5.  $|8|$

6.  $|\frac{-9}{-8}|$

7.  $|\frac{8}{-6}|$

8.  $|\frac{-4}{-8}|$

9.  $|\frac{-8}{3}|$

10.  $|\frac{-10}{3}|$

11.  $|\frac{6}{8}|$

12.  $|\frac{4}{3}|$

13.  $|-1|$

14.  $|\frac{2}{6}|$

15.  $|\frac{-6}{10}|$

16.  $|\frac{4}{6}|$

17.  $|\frac{-2}{-6}|$

18.  $|3|$

19.  $|\frac{3}{2}|$



Identify the rate of change for each equation.

Answers

1)  $y = \frac{-5}{-6}x - 5$

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

2)  $y = 4x + 6$

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

3)  $y = \frac{7}{-4}x + 2$

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

4)  $y = -3x - 4$

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

5)  $y = \frac{-1}{-2}x - 3$

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

6)  $y = \frac{3}{-7}x + 6$

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

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

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

8)  $y = \frac{6}{9}x + 10$

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

9)  $y = \frac{7}{10}x - 2$

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

10)  $y = -6x - 10$

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

11)  $y = 1x - 3$

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

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

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

13)  $y = 8x - 7$

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

14)  $y = \frac{-4}{-8}x - 3$

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

15)  $y = -2x - 1$

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

16)  $y = 3x - 2$

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

17)  $y = \frac{-10}{8}x + 9$

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

18)  $y = -3x + 8$

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

19)  $y = \frac{-10}{8}x - 7$

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



Identify the rate of change for each equation.

- 1)  $y = -\frac{5}{6}x - 5$
- 2)  $y = 4x + 6$
- 3)  $y = \frac{7}{4}x + 2$
- 4)  $y = -3x - 4$
- 5)  $y = -\frac{1}{2}x - 3$
- 6)  $y = \frac{3}{7}x + 6$
- 7)  $y = \frac{5}{3}x + 1$
- 8)  $y = \frac{6}{9}x + 10$
- 9)  $y = \frac{7}{10}x - 2$
- 10)  $y = -6x - 10$
- 11)  $y = 1x - 3$
- 12)  $y = \frac{9}{5}x + 8$
- 13)  $y = 8x - 7$
- 14)  $y = -\frac{4}{8}x - 3$
- 15)  $y = -2x - 1$
- 16)  $y = 3x - 2$
- 17)  $y = -\frac{10}{8}x + 9$
- 18)  $y = -3x + 8$
- 19)  $y = -\frac{10}{8}x - 7$

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.  $|\frac{-10}{8}|$