Identifying Rate of Change (S.I.F.) Name:

Identify the rate of change for each equation.

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

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

3) $y = -2x + 5$

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

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

6) $y = 3x + 4$

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

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

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

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

11) $y = -5x + 8$

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

13) $y = -2x + 0$

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

15) $y = -10x + 3$

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

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

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

19) $y = 7x + 1$

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____
19. _____

1-10	95	89	84	79	74	68	63	58	53	47
11-19	42	37	32	26	21	16	11	5	0	

Identifying Rate of Change (S.I.F.) Name: **Answer Key**

Identify the rate of change for each equation.

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

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

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

19) $y = 7x + 1$

Answers

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

1-10	95	89	84	79	74	68	63	58	53	47
11-19	42	37	32	26	21	16	11	5	0	