

Expression and Equations Level 1-Part 1

1. $4x - 8 = -12$ what is the value of $-2x + 1$?

2. $-3x - 1 = -4$ what is the value of $4x + 1$?

3. $-3x - 3 = -15$ what is the value of $4x + 9$?

4. $x + 10 = 9$ what is the value of $-3x - 4$?

5. $3x + 6 = 0$ what is the value of $3x - 2$?

6. $x - 7$ is 10 more than -19: what is the value of $2x + 5$?

7. $x + 4$ is 10 more than -3: what is the value of $-3x + 5$?

8. $-3x + 4$ is 5 more than -13: what is the value of $-2x - 10$?

9. $2x - 6$ is 2 less than 0: what is the value of $-4x + 10$?

10. $x - 3$ is 4 less than -1: what is the value of $-3x + 10$?

11. $x + 7$ is 4 less than 14: what is the value of $3x - 10$?

12. $y = kx$: $y=-42$ $x=-6$: what is the value of y when $x = -5$?

13. $y = kx$: $y=28$ $x=7$: what is the value of y when $x = 3$?

14. $y = kx$: $y=35$ $x=5$: what is the value of y when $x = 4$?

15. $y = kx$: $y=16$ $x=4$: what is the value of x when $y = 12$?

16. $y = kx$: $y=-32$ $x=-4$: what is the value of x when $y = 0$?

17. $y = kx$: $y=-20$ $x=-4$: what is the value of x when $y = -5$?

18. Solve for x : $3x - 7 = 5$

19. Solve for x : $-4x + 1 = 5$

20. Solve for x : $-4x - 7 = -23$

Answers

1	3
2	5
3	25
4	-1
5	-8
6	1
7	-4
8	-18
9	2
10	16
11	-1
12	-35
13	12
14	28
15	3
16	0
17	-1
18	4
19	-1
20	4