

Why Did Simeon Wrench Sleep Under His Car?

Simplify or evaluate each expression below, as directed. Find your answer at the bottom of the page and write the letter of that exercise below it.



Name: _____

SIMPLIFY:

- E $8 + (9 \cdot 3)$
 I $(8 + 9) \cdot 3$
 A $14(10 \div 2)$
 Y $(12 \cdot 3) - (9 \cdot 2)$
 T $(4 \cdot 10) + (75 \div 25)$
 E $\frac{80 - 3}{8 + 3}$
 P $13 + [2(9 - 6)]$

SIMPLIFY:

- A $\frac{12 + 8}{12 - 2} + \frac{8}{2}$
 O $3[5(48 \div 12)]$
 T $\frac{50 - [3(7 - 1)]}{2}$
 H $[4(30 - 5)] \div \frac{10}{2}$
 E $\frac{12(15 \div 3)}{(20 \cdot 5) - (20 \cdot 2)}$
 D $5 + [4 \cdot 3(2 + 1)]$
 W $\left[\frac{6 \cdot 2(8 - 3)}{11 + 4} \right] \cdot 6$

EVALUATE if

$a = 1$ $m = 3$ $x = 6$
 $b = 2$ $n = 10$ $y = 0$

- K $\frac{7m + 1}{b}$
 N $(3n - 2m)(a + b)$
 L $\frac{2(n + x)}{n - x}$
 U $x[b(m + 1) - 3]$
 W $\frac{mn - 5y}{a + b}$
 O $(n - a)(n - b)(n - m)(n - n)$

20	7	24	6	72	16	35	41	43	60	10	70	11	1	30	19	0	51	8	18
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Why Is Life Like a Shower?

Simplify or evaluate each expression below, as directed. Find your answer in the corresponding set of answer boxes. Print the letter of the exercise in that box.



SIMPLIFY:

- W $-(-4) + 10$
- A $3 + [-(-8)]$
- N $-12 + [-(-5)]$
- D $-(7 + 9)$
- O $-(-2 + 8)$

SIMPLIFY:

- N $-(-11) + 6$
- E $-[4 + (-7)]$
- U $-[12 + (-3)]$
- G $-[-5 + (-5)]$
- N $-[-(-2)]$

SIMPLIFY:

- T $6 + |-1|$
- O $|-3| + |30|$
- R $|4 + (-9)| + 10$
- N $|-5 + 12| + (-7)$
- R $8 + |1 + (-15)|$

33

-7

3

-13

14

15

-6

0

10

20

7

-9

22

17

1

11

-2

-16

SIMPLIFY:

- I $-|-11 + 6|$
- O $-|10 + (-4)|$
- E $3|-2| + |-3|$
- R $5|-9 + 13| + (-1)$
- E $-|2|-7| + (-6)|$

EVALUATE:

- O $-x$ if $x = -3$
- A $-y$ if $y = 1$
- Y $-x + 5$ if $x = -7$
- R $-(-a)$ if $a = -20$
- U $-x + (-9)$ if $x = 2$

EVALUATE:

- N $|-x|$ if $x = 7$
- T $|n + 1|$ if $n = -18$
- H $-|-w|$ if $w = -10$
- W $-|x + (-8)|$ if $x = 4$
- T $-[3|-y| + |v|]$ if $y = -6$

12

3

-11

19

-8

15

-5

7

-2

-10

-6

-24

-22

-4

-1

17

9

-20