

Why Should You Look Out for a Pig That Knows Karate?

Simplify or evaluate each expression below, as directed. Find your answer in the corresponding answer column. Write the letter of the exercise in the box that contains the number of the answer.



SIMPLIFY:

- (I) $4 \cdot 9 + 1$
- (T) $6 + 7 \cdot 10$
- (U) $42 - 2 \cdot 7$
- (O) $8 + 50 \div 2$
- (E) $(10)(3) - 4$
- (G) $2 \cdot 8 + 3 \cdot 5$
- (A) $\frac{60}{3} - (2)(4)$
- (T) $5 \cdot 12 + \frac{32}{16}$
- (Y) $3 + 2 \cdot 5 \cdot 8$
- (I) $(4)(6)(3) - 20 + 1$
- (O) $18 \div 2 \times 3$
- (R) $3 \cdot 3 + 4 \cdot 4 - 5 \cdot 5$

Answers:

- (7) 62
- (22) 27
- (9) 37
- (5) 31
- (17) 33
- (2) 76
- (15) 12
- (18) 0
- (12) 83
- (14) 28
- (1) 53
- (11) 26

EVALUATE if $a = 2$, $b = 3$, $x = 5$, $y = 8$, and $w = 20$:

- (I) $4x + 7$
- (C) $1 + 6y$
- (H) $9 - 2b$
- (O) $8x + 3y$
- (M) $a + bw$
- (V) $aw - by$
- (P) $b + \frac{w}{x}$
- (G) $\frac{bw}{x} - a + 7$
- (K) $axy - 5w$
- (H) $36 - 4ab$
- (P) $5 + 3x - \frac{w}{a}$

Answers:

- (10) 16
- (16) 10
- (8) 17
- (20) 49
- (13) 64
- (21) 12
- (4) 27
- (23) 7
- (3) 62
- (19) 140
- (6) 3

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
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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.



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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