

DOUBLE CROSS

1. What do you get when you cross a porcupine with a gopher?

20 0 22 81 81 62 1 7 32 0 60 1 62 20 24 26

2. What do you get when you cross a pelican with a lightning bolt?

20 100 32 8 62 1 62 90 0 5 32 90 100 32 1 1



TO DECODE THE ANSWERS TO THESE TWO QUESTIONS:

Evaluate each expression below using the values

$a = 1$, $b = 2$, $c = 3$, $w = 0$, $x = 10$, and $y = 6$.

Each time your answer appears in the code, write the letter of that exercise above it.



(H) xy

(A) $b + (cy)$

(W) $x - (ac)$

(S) $(7b) + (4c)$

(E) $(8x) - (3y)$

(U) $(ax) + (by)$

(B) $(2x) \cdot (b + c)$

(G) $\frac{(x + y)}{(c - a)}$

(R) $\frac{(xy)}{(x + b)}$

(T) $\frac{(wa)}{b}$

(K) $(x - y) \cdot (y - w)$

(N) $c \cdot (y + c) \cdot (y - c)$

(C) $\frac{(3x)}{b} \cdot (abc)$

(I) $(8bc) - (w + x + y)$

(L) $\frac{(x - b)}{(y + b)}$

What Did The Farmer Do When His Chicken Wouldn't Lay Any Eggs?

DIRECTIONS:

For each exercise, determine whether or not the number in braces is a solution of the given equation.

Indicate "yes" or "no" by circling the number-letter in the appropriate column next to the exercise. Then write the letter in the matching numbered box at the bottom of the page.



		Yes	No
①	$2x + 5 = 13$ {4}	9-D	26-U
②	$3y - 1 = 26$ {9}	2-E	12-K
③	$6 + 5x = 44$ {8}	19-1	23-A
④	$12 - x = 7$ {5}	16-N	4-B
⑤	$5n - 4 = 92$ {20}	24-Y	6-0
⑥	$52 = 6x + 10$ (7)	12-E	3-P
⑦	$27 = 15a - 1$ {2}	8-I	26-L
⑧	$2x + 1 = 3x - 3$ {4}	19-G	27-K
⑨	$7x - 2 = 4x + 9$ {1}	11-D	4-S
⑩	$m + 20 = 11m - 6$ {3}	15-U	13-R
⑪	$18 + 5x = 8x$ (6)	24-M	10-0
⑫	$3x + 10 = 4$ {-2}	8-E	20-1
⑬	$4y - 1 = -21$ {-5}	1-H	22-F
⑭	$6 + 2u = -7$ {-8}	25-T	15-A
⑮	$30 - x = 31$ {-1}	27-E	14-0
⑯	$9 - 5x = -40$ {10}	3-L	7-W
⑰	$-12 = 6w + 6$ {-3}	11-H	18-A
⑱	$x + 8 = -3x$ {-2}	20-G	25-D
⑲	$4y = y - 20$ 7	22-G	5-H
⑳	$-7d = 50 + 2d$ {8}	17-1	25-P
㉑	$6x + 1 = 3x - 11$ {-4}	18-E	21-0
㉒	$10k - 9 = 9k + 10$ {0}	10-C	22-S

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
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