

FIND A MATCH

Solve any equation in the top block and find the solution in the bottom block. Transfer the word from the top box to the corresponding bottom box. Keep working and you will get another corny joke.

① $4x - 6 = 22$ THEY	⑤ $-4x + 6 = -42$ BECAUSE	⑨ $1 - 9n = -80$ AN	⑬ $-5n + 9 = -46$ COSTS
② $9x + 2 = 47$ IT	⑥ $-11x + 4 = 26$ A	⑩ $-5 - 15n = 10$ FARMERS	⑭ $-27 + 4n = 33$ EAR
③ $2x + 1 = -15$ SOMETHING	⑦ $8x - 18 = 6$ ARE	⑪ $12n + 2 = -46$ CORN	⑮ $-7n - 20 = -48$ PIRATE
④ $-6x - 11 = 49$ SOME	⑧ $7 + 3x = 25$ CALL	⑫ $-4 - 2n = 60$ SELLING	⑯ $19 - 3n = 82$ BUCK

$x = -10$	$n = -1$	$x = 3$	$n = -32$
$x = -8$	$x = 7$	$x = 6$	$n = 4$
$n = -4$	$x = 12$	$x = 5$	$n = 11$
$x = -2$	$n = -21$	$n = 9$	$n = 15$

CRYPTIC QUIZ

1. What Did the Sardine Say When a Submarine Went By?

-56 36 36 -33 -35 -12 -12 7 -35 -12 -96 -35 130 36 31 39 9 36 39 -56 9

2. What Happened to the Grocer Who Stacked All the Liquid Detergents on a High Shelf?

7 9 -6 -35 5 25 -24 -15 39 -8 130 28 31 36 100 25 36 -69

TO DECODE THE ANSWERS TO THESE QUESTIONS:

Solve any equation below and find the solution in the code. Each time it appears, write the letter of the exercise above it. Keep working and you will decode the two answers.

Ⓘ $n + 12 = 4$

Ⓔ $4x = 36$

Ⓚ $\frac{v}{3} = -11$

Ⓕ $w - 9 = 22$

Ⓦ $-7t = 42$

Ⓡ $-\frac{1}{5}y = -20$

Ⓣ $-32 = x + (-20)$

Ⓤ $-48 = 2q$

Ⓝ $13 = \frac{n}{10}$

Ⓨ $-50 = 19 + p$

Ⓢ $-15r = -75$

Ⓛ $14 = \frac{-u}{4}$

Ⓒ $x - (-16) = 44$

ⓗ $42 = 6d$

Ⓒ $\frac{1}{8}y = -12$

Ⓜ $-4 = 11 + m$

Ⓐ $-x = 35$

Ⓟ $-3 = \frac{-a}{13}$

Ⓒ $-18 + z = 18$

Ⓙ $-125 = -5k$

CRYPTIC QUIZ

1. How Did Alfo Make A Quart Of Juice From Three Oranges?

ANSWER: 99-7-20-18-25-18-7-99-14-15-7-25-38-45-6-6-5-6

2. What Do You Get When The Post Office Burns Down?

ANSWER: 18-24-18-25-6-13-42-41-16-18-24-35-84-18-99-16

3. What Do Gorillas Sleep On In Fruit Orchards?

ANSWER: 18-72-27-99-24-13-7-25

TO DECODE THE ANSWERS TO THESE QUESTIONS:

Simplify any expression below and find your answer in the code. Each time the answer appears, write the letter of that expression above it. Keep working and you will decode the three answers.

(P) $(16 - 7) \times 8 =$

(L) $12 + (36 \div 9) =$

(G) $28 \div (10 - 8) =$

(U) $9 (15 \div 3) =$

(W) $[(48 + 2) 2] \div 5 =$

(I) $(8 + 3) \cdot (16 - 7) =$

(H) $(20 \cdot 6) \div (6 + 2) =$

(O) $[45 - (3 \cdot 2)] \div 3 =$

(Z) $2 + [48 \div (12 + 4)] =$

(F) $3 \times 2 [4 + (9 \div 3)] =$

(C) $72 \div \left(\frac{29 + 7}{4 \times 3} \right) =$

(Q) $35 + \frac{50 + 25}{5 \cdot 5} =$

(K) $80 - [3 (8 + 7)] =$

(E) $[5 (20 - 2)] \div \frac{30}{2} =$

(M) $3 [4 (9 - 2)] =$

(R) $\frac{2 [(7 \cdot 3) + 6]}{26 \div 13} =$

(B) $5 + [4 \cdot 3 (2 + 1)] =$

(T) $\frac{7(8 - 1) + (42 \div 3)}{(10 - 7)3} =$

(S) $50 \div [(4 \cdot 5) - (36 \div 2)] =$

(A) $\left[\frac{3 (12 - 7)}{2 + 3} \right] \times 6 =$

Did You Hear About...

A	B	C	D	E	F	G	H
I	J	K	L	M	N	O	P
Q	R	S	T	U	V	W	X
							?

DIRECTIONS: Simplify any expression below. Find your answer in one of the answer columns and notice the word next to it. Write the word in the box above that has the same letter as that exercise.

KEEP WORKING AND YOU WILL HEAR ABOUT SOMETHING ALL WET!

$-7x + 12$	ASKING
$25x - 30$	FOOTBALL
$x - 18$	COULD
$33x - 14$	THE
$44a + 16$	AS
$15x + 28$	HIS
$13a - 27$	TO
$25n - 88$	SO
$44a - 13$	FUMBLE
$40a + 37$	BALL
$5n - 24$	WHO
$-48n - 16$	FLOOD
$40a + 5$	PLAYER
$-48n - 88$	UNDER

$a - 24$	HIKE
$a - 20$	FOOTBALL
$-7a + 24$	COACH
$2n + 12$	A
$-40a + 17$	WATER
$-12n + 35$	THE
$-3n - 14$	HE
$18x - 10$	ROOKIE
$10a + 34$	WITH
$-x - 3$	GO
$-16n + 37$	KEPT
$34a - 13$	IN
$-18n + 89$	SUB
$-2x - 26$	FIELD

- (A)** $5x - 7(2 - 4x)$ **(M)** $4x - 7(3 - 3x) - 9$
(B) $8 - 3(6 - 6x)$ **(N)** $-8 + 6(-x - 3) + 4x$
(C) $9a - 4(2a + 5)$ **(O)** $-2a + 7 - 3(-9 - 4a)$
(D) $-3 - 8(-5a - 1)$ **(P)** $-1 + 5a - 9(-2 + 5a)$
(E) $-7n + 4(-6 + 3n)$ **(Q)** $9(3n - 9) - 7 - 2n$
(F) $-8(2n - 4) + 5$ **(R)** $-4(5 + n) + n + 6$
(G) $2(x + 6) - 9x$ **(S)** $-6x - 2(-5x + 9) - 3x$
(H) $-5(-7 - 3x) - 7$ **(T)** $5 - 8(1 - x) - 9x$
(I) $4(-2a + 6) + a$ **(U)** $-a + 7 + 5(-4 + 7a)$
(J) $4a - 9(3 - a)$ **(V)** $-6(-6a - 3) - 2 + 8a$
(K) $-8 - 8(6n + 1)$ **(W)** $4n - 5n + 3(n + 4)$
(L) $-5(-7 + n) - 7n$ **(X)** $7 + 9(-2n + 9) + 1$

Why Did the Carpet Installer Quit His Job?

Simplify any expression below. Find your answer in the answer column and notice the letter next to it. Write the letter in each box at the bottom of the page that contains the number of that exercise.

KEEP WORKING AND YOU WILL DISCOVER THE ANSWER TO THE TITLE QUESTION!

- ① $6x^2 - 2x + 5x - 3$
- ② $5 - 7x^2 + 3x + 4x^2$
- ③ $9x^2 + 2x + 5 - 5x^2 + 8x - 6$
- ④ $-4x - 4 + 6x^2 + x - 9x^2 - 8$
- ⑤ $-5x^2 + 6 + x^2 - 1 + 5x^2$
- ⑥ $-3 + 8x^2 - x + 8 + 7x^2 + 2x$
- ⑦ $4x - 3x^2 + 9x + 4x^2 - 6x$
- ⑧ $-2x^2 - 9 - 3x - 2x^2 + 8x + 7$
- ⑨ $3x^3 + 7x^2 - 9x - x^3 + 3x^2 + 6x$
- ⑩ $-9x^3 - x^2 + 5x - 4 - 2x^3 + 8x^2 - 6x + 6$
- ⑪ $3 - 4x - 7x^2 + 4x^3 - 2 - 8x - 7x^2 - x^3$
- ⑫ $-4x^3 + 3x^2 - 5x - 7x^3 - 3x^2 + 2x - 9$
- ⑬ $6x - 7 + 8x^3 - 4x - 6x^3 - 1 - 8x + 5$
- ⑭ $-7x^2 - 4x - 7 + x^2 - 5x^2 + x^3 + 8x - 2x^3$
- ⑮ $6x^2 + 2x^4 - 9x^3 - 6x^2 + 2 - 5x^4 + x^3 - x$
- ⑯ $-3 - 3x^4 + 2x^2 - 1 + 7x^4 + x^3 - 6x^2 - 2x^4$
- ⑰ $-5x^4 - x^2 + 8x^3 + 4x + 2x^4 - x^3 + x^2$

- Ⓜ $-3x^4 - 8x^3 - x + 2$
- Ⓐ $x^2 + 5$
- ⓙ $2x^3 - 6x - 3$
- Ⓤ $2x^3 + 10x^2 - 3x$
- Ⓖ $6x^2 + 4x - 2$
- Ⓛ $6x^2 + 3x - 3$
- Ⓕ $-3x^4 - 8x^3 - 5x$
- Ⓚ $-4x^2 + 5x - 2$
- ⓗ $3x^3 - 14x^2 - 12x + 1$
- Ⓣ $-3x^4 + 7x^3 + 4x$
- Ⓨ $-3x^2 - 3x - 12$
- Ⓛ $-3x^2 + 3x + 5$
- Ⓒ $2x^4 + x^3 - 4x^2 - 4$
- Ⓟ $-x^3 - 11x^2 + 2x - 6$
- Ⓓ $-x^3 - 11x^2 + 4x - 7$
- Ⓢ $15x^2 + x + 5$
- Ⓝ $-11x^3 - 3x - 9$
- Ⓡ $-11x^3 + 7x^2 - x + 2$
- Ⓔ $4x^2 + 10x - 1$
- Ⓒ $x^2 + 7x$

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

Why did the ant run across the cracker box?

Do any exercise below and find your answer in the corresponding answer column. The letter of the exercise goes in the box that contains the number of the answer. Keep working and you will discover the answer to the title question.

T $-15 + 7 =$

(23) 7

T $(-15 \div 3) + 14 =$

(2) -1

A $8 - -21 =$

(32) -27

E $(-10 + -5) (-2) =$

(4) 3

D $(3) (-9) =$

(28) 50

H $(-3 - 4) \div 7 =$

(10) -55

H $-24 \div 4 =$

(13) -8

D $(-9 \cdot 6) + -4 =$

(7) 30

E $-9 + -13 =$

(25) -6

O $(-30 - -22) \cdot 6 =$

(12) -58

O $(-2) (-25) =$

(36) -5

A $(20 \div 4) \cdot -11 =$

(34) 100

L $-50 - 30 =$

(5) 29

E $(28 - -10) - 7 =$

(30) 9

G $-56 \div -8 =$

(8) -80

I $(-13 + -12) (-4) =$

(31) 31

E $32 + -37 =$

(3) -22

L $(4 \cdot -6) \div -8 =$

(21) -48

I $-5 \cdot 20 =$

(9) 12

E $(-6 + 17) - 20 =$

(18) 14

T $30 \div -2 =$

(11) -100

A $(-64 \div 2) \div -2 =$

(20) 2

A $-9 - -19 =$

(22) 77

B $(-5 - -6) \cdot -87 =$

(16) -9

N $-7 \cdot -11 =$

(26) -14

T $(-40 + -50) \div 9 =$

(35) -12

O $-7 + -11 =$

(24) -15

R $(-13 \cdot -2) + -12 =$

(6) -87

S $-60 \div -5 =$

(1) -24

N $(42 \div -7) - 6 =$

(27) 75

T $12 - 36 =$

(33) -26

D $(-5 - -30) (3) =$

(15) 72

E $-17 - -3 =$

(14) -18

L $(-12 + -18) \div -15 =$

(29) -10

L $\frac{260}{-10} =$

(17) 10

T $(-8 \cdot -8) - -8 =$

(19) 16

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	28	29	30	31	32	33	34	35	36