What Kind of TV Show Is Relaxing To Watch?

Simplify each expression, write your answer, then mark it in the answer columns. For each set of exercises, there is one extra answer. Write the letter of this answer in the corresponding box at the right.

2	6	4	8	1	5	7	3
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						

a.	10	+	6	÷	2

N8

(L) 81

b.
$$(10 + 6) \div 2$$

(0) 18

0 24

(R) 13

(A) 11

(c) 10

(E) 2

d.
$$(30 - 3) \cdot 4$$

(D) 108

d.
$$(32 - 16) \div (4 \cdot 2)$$

c. $32 - 16 \div 4 \cdot 2$

a. $4 + 5^2$

b. $(4 + 5)^2$

R 29

A) 54

a. 30 - [9 + 4(8 - 5)]

P 66

b.
$$3(8 + 7)$$

6 45

b. $11 - 3^2 + (11 - 3)^2$

(V) 32

c.
$$10 \cdot 3^2 - 4$$

(P) 10 (C) 31

c. $\frac{10^2}{5} - \frac{6^2}{3}$

(N) 8 (G) 9

d.
$$\frac{20 + 30}{12 - 7}$$

(E) 86

d. $\frac{10^2 - 6^2}{5 - 3}$

⑤ 58

7

a.
$$50 + 24 \div 6 \cdot 2$$

B 58

a. 2[5 + 2(8 - 6)]

(R) 18

b.
$$50 + 24 \div (6 \cdot 2)$$

 \bigcirc 24

b. 3[20 - 4(2 + 1)]

(L) 115

(D) 69

M 16

c.
$$17 - 5 \cdot 4 \div 2$$

(V) 52

(E) 999

d.
$$(17 - 5) \cdot 4 \div 2$$

J 7

d. $(6 + 4)^3 - 1^8$

c. $6 + 4^3 - 1^8$

(W) 24

4

a. $5 \cdot 6 + 9 \cdot 4$

F 6

8

a. $\frac{13 + 7^2 \div 7}{9 - 20 \div 4 + 16}$

 $\bigcirc N$ 25

b.
$$60 - 2^3 \cdot 5$$

1 7

b. $15 + (2^5 - 7) \cdot 3$

R 90

c.
$$\frac{9}{3} + \frac{12}{4}$$

U) 66

c. $\frac{36}{2} + \frac{3 \cdot 21}{11 - 2}$

汉 9 **(** 7) 22

d.
$$\frac{9+12}{3+4}$$

K 3

(N) 20

d. $\frac{36 + 3 \cdot 21}{2 + 11 - 2}$

(5) 1

Fraction Challenge

UBLE CROSS X

1. What do you get when you cross A HUNTING DOG WITH A TELEPHONE?

-17 30 -17 30 67 100 $\frac{5}{12}$ $\frac{-17}{30}$ $-1\frac{13}{24}$ <u>1</u> 12 18

2. What do you get when you cross A MOTORCYCLE WITH A JOKE BOOK?

3. What do you get when you cross FIVE PIGS AND FIVE DEER?

 $\frac{9}{20}$ $-1\frac{5}{24}$ $-1\frac{1}{15}$ $\frac{9}{20}$ $\frac{-7}{18}$ $-1\frac{13}{24}$

TO DECODE THE ANSWERS TO THESE THREE QUESTIONS:

Do any exercise below and find your answer in the code. Each time the answer appears in the code, write the letter of that exercise above it.

KEEP WORKING AND YOU WILL DISCOVER WHAT YOU GET FROM EACH **DOUBLE CROSS!**

$$\mathbf{D} \frac{2}{3} + \frac{-1}{4} =$$

$$1 \frac{-4}{5} + \frac{1}{2} = 1$$

$$O$$
 $\frac{-1}{3} + \frac{-7}{8} =$

$$\frac{\text{M}}{5} + \frac{3}{4} =$$

$$(\mathbf{U})^{-\frac{1}{5}} + \frac{-2}{3} =$$

$$\frac{5}{6} + \frac{-7}{12} =$$

$$\mathbf{R}$$
 $\frac{-3}{4} + \frac{5}{6} =$

$$\begin{pmatrix} 2 \\ 3 \\ 4 \\ 4 \end{pmatrix} = \begin{pmatrix} 2 \\ 4 \\ 4 \\ 4 \end{pmatrix} \begin{pmatrix} 2 \\ 4 \end{pmatrix} \begin{pmatrix} 2 \\ 4 \\ 4 \end{pmatrix} \begin{pmatrix} 2 \\ 4 \end{pmatrix} \begin{pmatrix}$$

$$\left(\mathbf{K}\right)^{-\frac{1}{4}} + \frac{7}{9} =$$

$$\sqrt{\frac{11}{15}} + \frac{-2}{5} =$$

$$\frac{1}{12} + \frac{5}{8} =$$

$$\frac{\mathbf{Y}}{3} + \frac{-1}{16} =$$

$$\mathbf{C}$$
 $\frac{-4}{9} + \frac{1}{2} =$

$$\mathbf{G}$$
 $\frac{-3}{4} + \frac{-7}{12} =$

$$\frac{3}{10} + \frac{37}{100} =$$

$$\mathbf{E}$$
 $\frac{3}{10} + \frac{-13}{15} =$

$$\left(\mathbf{H}\right)^{-\frac{1}{8}} + \frac{5}{6} =$$

$$\mathbf{A}$$
 $\frac{-1}{6} + \frac{-2}{9} =$

$$\left(\mathbf{S}\right)^{-\frac{1}{4}} + \frac{7}{10} =$$