1-2

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

a. $10 + 6 \div 2$

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

c. $30 - 3 \cdot 4$

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

(N) 8
(O) 18
(R) 13
(C) 10
(D) 108

2

a. $3 \cdot 8 + 7$

b. $3(8 + 7)$

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

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

(A) 54
(G) 45
(P) 10
(C) 31
(E) 86

3

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

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

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

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

(B) 58
(R) 24
(M) 16
(Y) 52
(J) 7

4

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

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

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

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

(F) 6
(I) 7
(U) 66
(K) 3
(N) 20

5

a. $4 + 5^2$

b. $(4 + 5)^2$

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

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

(L) 81
(O) 24
(A) 11
(E) 2
(R) 29

6

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

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

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

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

(P) 66
(V) 32
(N) 8
(G) 9
(S) 58

7

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

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

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

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

(R) 18
(L) 115
(D) 69
(E) 999
(W) 24

8

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

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

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

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

(N) 25
(R) 90
(X) 9
(T) 22
(S) 1

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