

Cross-Number Puzzle

Using Order of Operations!

Directions: Use the order of operations to simplify each numerical expression. Use your answers to complete the cross-number puzzle.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| a | | b | | c | | d | |
| | | e | | | | f | |
| g | h | | | i | j | | |
| | | | | | k | | l |
| | m | | n | | | | |
| o | | | | | | p | |
| | | q | | | | | |
| r | | | | | s | | |

| ACROSS | DOWN |
|--------------------------|-----------------------------|
| a. $1 + 10 \times 10$ | a. $9^2 + 10 \times 4$ |
| c. $2 \times (4^3 - 3)$ | b. $12 + 9 \times 16$ |
| e. $180 + 10 \times 2^5$ | c. $(35 - 3) \times 3 + 10$ |

| | |
|--|---|
| f. $60 + 48 \div 2$ | d. $72 + (3^2 - 5) + 10$ |
| g. $12^2 + 2$ | h. $2 \times (14^2 + 15)$ |
| i. $4(15 - 3) + 16$ | j. $(93 + 7) \times 4 + 20$ |
| k. $72 \div 3 \times 10 + 3$ | l. $5^2 \times (28 + 2)$ |
| m. $(23 - 6) \times (4^2 - 3)$ | n. $(7 \times 9) + (8^2 - 1)$ |
| p. $(19 - 13) \times (35 \div 7)$ | o. $(19 - 7) \times (4 + 8) + 8$ |
| q. $(3 + 4) \times (4^2 + 2)$ | p. $12 + 6^2 + 3 \times 4 + 300$ |
| r. $50 + (3 \times 10^2) \div 2$ | q. $110 - 12(2^2 + 1)$ |
| s. $72 + 4 \times 6 \div 3$ | |