ORDER OF OPERATIONS

Example: $2 \times \{3 + [7 \times (69 \div 23) - 10]\}$

$= 2 \times \{3 + [7 \times 3 - 10]\}$

$= 2 \times \{3 + [21 - 10]\}$

$= 2 \times \{3 + 11\}$

$= 2 \times 14$

$= \mathbf{\color{red}28}$

Solve each expression.

1) $4 + \{6 \times 2 - [12 + (36 \div 9)] \div 8\}$

_____

2) $(77 \div 7) - \{15 + [2 \times (3 - 1)]\}$

_____

3) $[13 - 5 \times (63 \div 7)] + \{2 \times (9 - 6 + 1)\}$

_____

4) $\{21 \times 3 - (56 \div 8)\} - 2$

_____

5) $19 + 3 - \{4 \times [6 \div (20 - 17)]\}$

_____

6) $2 \times \{99 \div [7 + (3 \times 4 - 8)]\} + 40$

_____

7) $15 - \{3 \times [8 + 1]\} + \{48 \div (6 + 2) - 3\}$

_____

8) $\{8 + [2 \times 3 - (55 \div 11)] \times 7\} + 24$

_____

ORDER OF OPERATIONS

Answer key

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58

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