ORDER OF OPERATIONS

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

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

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

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

$= 2 \times 14$

$= \textbf{28}$

Solve each expression.

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

_____

2) $\{12 \div [5 - (16 \times 2 - 31)]\} \times 2$

_____

3) $31 - [6 \times (18 \div 9)] + \{(15 \div 3) - 2\}$

_____

4) $\{49 \times [18 - (75 \div 5)] + 11\} - 50$

_____

5) $(7 + 3 \times 2) - \{66 + [1 \times (24 \div 8)]\}$

_____

6) $\{24 \div [3 \times (9 - 1)] + 27\} - 71$

_____

7) $\{56 + [19 \times (36 \div 9 - 2)]\} + 68$

_____

8) $3 \times 5 + \{16 + (81 \div 3)\}$

_____

ORDER OF OPERATIONS

Answer key

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Solve each expression.

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−20

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6

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22

4) $\{49 \times [18 - (75 \div 5)] + 11\} - 50$

108

5) $(7 + 3 \times 2) - \{66 + [1 \times (24 \div 8)]\}$

−56

6) $\{24 \div [3 \times (9 - 1)] + 27\} - 71$

−43

7) $\{56 + [19 \times (36 \div 9 - 2)]\} + 68$

162

8) $3 \times 5 + \{16 + (81 \div 3)\}$

58