ORDER OF OPERATIONS

Name _____

Score _____

OF:21

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

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

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

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

$= 2 \times 14$

$= \mathbf{28}$

Solve each expression.

1) $14 + \{7 \times [72 \div (25 - 13)]\} - 6$

_____

2) $1 \times 9 + \{[(15 \div 5) \times 10] - 4\}$

_____

3) $\{5 \times (9 - 8)\} - \{54 \div (3 + 2 \times 3)\}$

_____

4) $(66 \div 11) \times \{26 + [27 \div 9] - 9\}$

_____

5) $\{6 + 16 - [4 \times (18 - 15) + 41]\} - 13$

_____

6) $98 \div \{2 + [25 - (4 \times 5)]\}$

_____

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

_____

8) $70 - 5 \times \{75 \div (9 - 6)\}$

_____

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Answer key

OF:21

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

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

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

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

$= 2 \times 14$

$= \mathbf{28}$

Solve each expression.

1) $14 + \{7 \times [72 \div (25 - 13)]\} - 6$

50

2) $1 \times 9 + \{[(15 \div 5) \times 10] - 4\}$

35

3) $\{5 \times (9 - 8)\} - \{54 \div (3 + 2 \times 3)\}$

−1

4) $(66 \div 11) \times \{26 + [27 \div 9] - 9\}$

120

5) $\{6 + 16 - [4 \times (18 - 15) + 41]\} - 13$

−44

6) $98 \div \{2 + [25 - (4 \times 5)]\}$

14

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

17

8) $70 - 5 \times \{75 \div (9 - 6)\}$

−55