Name : _____

Teacher : _____

Score : _____

Date : _____

Order of Operations

1) $((9 + 6) - (15 \div 5)^2) + 6^2$

6) $(15 \div 5)^2 + ((15 + 6) \times 3^2)$

2) $((9 - 7) + (10 \div 2)^2) \times 5^2$

7) $(5^2 + (12 \div 2 + 5^2)) - 3^2$

3) $((11 - 2)^2 + 6) + 11 - 2^2$

8) $3 + (2 + (11 - 5)^2) + 7$

4) $(7^2 + (8 \div 2 + 4^2)) - 2^2$

9) $(20 \div 2)^2 + ((13 + 6) + 2^2)$

5) $6 + (7 + (9 - 5)^2) + 5$

10) $((4 + 2)^2 + 6) - 12 - 3^2$

Order of Operations

1) $((9 + 6) - (15 \div 5)^2) + 6^2$
$\quad(\quad 15 \quad - (\quad 3 \quad)^2) + 6^2$
$\quad(\quad 15 \quad - \quad 9 \quad) + 6^2$
$\qquad\qquad 6 \qquad\quad + 6^2$
$\qquad\qquad 6 \qquad\quad +36$
$\qquad\qquad\qquad\qquad 42$

2) $((9 - 7) + (10 \div 2)^2) \times 5^2$
$\quad(\quad 2 \quad + (\quad 5 \quad)^2) \times 5^2$
$\quad(\quad 2 \quad + \quad 25 \quad) \times 5^2$
$\qquad\quad 27 \qquad\qquad \times 5^2$
$\qquad\quad 27 \qquad\qquad \times 25$
$\qquad\qquad\qquad\qquad 675$

3) $((11 - 2)^2 + 6) + 11 - 2^2$
$\quad(\quad 9^2 \quad + 6) + 11 - 4$
$\quad(\quad 81 \quad + 6) + 11 - 4$
$\qquad\qquad 87 \qquad + 11 - 4$
$\qquad\qquad\qquad\qquad 94$

4) $(7^2 + (8 \div 2 + 4^2)) - 2^2$
$\quad(7^2 + (8 \div 2 + 16)) - 2^2$
$\quad(7^2 + (\quad 4 \quad + 16)) - 2^2$
$\quad(49 + \qquad 20 \quad) - 4$
$\qquad\quad 69 \qquad\qquad - 4$
$\qquad\qquad\qquad\qquad 65$

5) $6 + (7 + (9 - 5)^2) + 5$
$\quad 6 + (7 + \quad 4^2 \quad) + 5$
$\quad 6 + (7 + \quad 16 \quad) + 5$
$\quad 6 + \quad 23 \qquad\quad + 5$
$\qquad\qquad\qquad\qquad 34$

6) $(15 \div 5)^2 + ((15 + 6) \times 3^2)$
$\quad(\quad 3 \quad)^2 + (\quad 21 \quad \times 3^2)$
$\qquad 9 \quad + (\quad 21 \quad \times 9)$
$\qquad 9 \quad + \qquad 189$
$\qquad\qquad\qquad 198$

7) $(5^2 + (12 \div 2 + 5^2)) - 3^2$
$\quad(5^2 + (12 \div 2 + 25)) - 3^2$
$\quad(5^2 + (\quad 6 \quad + 25)) - 3^2$
$\quad(25 + \qquad 31 \quad) - 9$
$\qquad\quad 56 \qquad\qquad - 9$
$\qquad\qquad\qquad\qquad 47$

8) $3 + (2 + (11 - 5)^2) + 7$
$\quad 3 + (2 + \quad 6^2 \quad) + 7$
$\quad 3 + (2 + \quad 36 \quad) + 7$
$\quad 3 + \quad 38 \qquad\quad + 7$
$\qquad\qquad\qquad\qquad 48$

9) $(20 \div 2)^2 + ((13 + 6) + 2^2)$
$\quad(\quad 10 \quad)^2 + (\quad 19 \quad + 2^2)$
$\qquad 100 \quad + (\quad 19 \quad + 4)$
$\qquad\qquad\qquad + \qquad 23$
$\qquad\qquad\qquad 123$

10) $((4 + 2)^2 + 6) - 12 - 3^2$
$\quad(\quad 6^2 \quad + 6) - 12 - 9$
$\quad(\quad 36 \quad + 6) - 12 - 9$
$\qquad\quad 42 \qquad - 12 - 9$
$\qquad\qquad\qquad\qquad 21$

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