Order of Operations

1) $((3 + 6)^2 + 4) + 9 - 4^2$

6) $((14 + 3) + (14 - 2)^2) + 2^2$

2) $((10 - 4)^2 \times 7) - 13 + 3^2$

7) $12 + (2 \times (3 + 2)^2) + 4$

3) $((10 + 2) + (18 - 9)^2) + 5^2$

8) $(10 - 5)^2 + ((17 + 5) \times 2^2)$

4) $(6^2 + (10 - 5 + 3^2)) + 5^2$

9) $3 + (2 \times (4 + 6)^2) - 2$

5) $(10 - 2)^2 + ((16 - 4) + 3^2)$

10) $(5^2 + (14 - 2 + 3^2)) + 3^2$

Name : _____   Score : _____

Teacher : _____   Date : _____

Order of Operations

1) $((3+6)^2 + 4) + 9 - 4^2$
  $(\quad 9^2 \quad + 4) + 9 - 16$
  $(\quad 81 \quad + 4) + 9 - 16$
  $\qquad 85 \qquad + 9 - 16$
  $\qquad\qquad\qquad 78$

2) $((10-4)^2 \times 7) - 13 + 3^2$
  $(\quad 6^2 \quad \times 7) - 13 + 9$
  $(\quad 36 \quad \times 7) - 13 + 9$
  $\qquad 252 \qquad - 13 + 9$
  $\qquad\qquad\qquad 248$

3) $((10+2) + (18-9)^2) + 5^2$
  $(\quad 12 \quad + (\quad 9 \quad)^2) + 5^2$
  $(\quad 12 \quad + \quad 81 \quad) + 5^2$
  $\qquad 93 \qquad\qquad + 5^2$
  $\qquad 93 \qquad\qquad + 25$
  $\qquad\qquad\qquad 118$

4) $(6^2 + (10 - 5 + 3^2)) + 5^2$
  $(6^2 + (10 - 5 + 9)) + 5^2$
  $(6^2 + (\quad 5 \quad + 9)) + 5^2$
  $(36 + \qquad 14 \qquad) + 25$
  $\qquad 50 \qquad\qquad + 25$
  $\qquad\qquad\qquad 75$

5) $(10-2)^2 + ((16-4) + 3^2)$
  $(\quad 8 \quad)^2 + (\quad 12 \quad + 3^2)$
  $\quad 64 \quad + (\quad 12 \quad + 9)$
  $\quad 64 \quad + \qquad 21$
  $\qquad\qquad 85$

6) $((14+3) + (14-2)^2) + 2^2$
  $(\quad 17 \quad + (\quad 12 \quad)^2) + 2^2$
  $(\quad 17 \quad + \quad 144 \quad) + 2^2$
  $\qquad 161 \qquad\qquad + 2^2$
  $\qquad 161 \qquad\qquad + 4$
  $\qquad\qquad\qquad 165$

7) $12 + (2 \times (3+2)^2) + 4$
  $12 + (2 \times \quad 5^2 \quad) + 4$
  $12 + (2 \times \quad 25 \quad) + 4$
  $12 + \qquad 50 \qquad\qquad + 4$
  $\qquad\qquad\qquad 66$

8) $(10-5)^2 + ((17+5) \times 2^2)$
  $(\quad 5 \quad)^2 + (\quad 22 \quad \times 2^2)$
  $\quad 25 \quad + (\quad 22 \quad \times 4)$
  $\quad 25 \quad + \qquad 88$
  $\qquad\qquad 113$

9) $3 + (2 \times (4+6)^2) - 2$
  $3 + (2 \times \quad 10^2 \quad) - 2$
  $3 + (2 \times \quad 100 \quad) - 2$
  $3 + \quad 200 \qquad\qquad - 2$
  $\qquad\qquad\qquad 201$

10) $(5^2 + (14 - 2 + 3^2)) + 3^2$
  $(5^2 + (14 - 2 + 9)) + 3^2$
  $(5^2 + (\quad 12 \quad + 9)) + 3^2$
  $(25 + \qquad 21 \qquad) + 9$
  $\qquad 46 \qquad\qquad + 9$
  $\qquad\qquad 55$

Order of Operation Practice

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