Order of Operations (A)

Name: _____ Date: _____

Simplify each expression using the correct order of operations.

$10 - 3^3 \div 9$

$7^2 \div (4 + 3)$

$7 \times 5 - 2^2$

$(6 + 2^2) \times 10$

$3 \times 6 + 8^2$

$4^3 - 10 \div 5$

$3^2 \times 2 - 9$

$9 \times 3^2 - 8$

$6^2 \div 3 - 5$

$(9 - 5)^2 \div 4$

Order of Operations (A)

Name: _____ Date: _____

Simplify each expression using the correct order of operations.

$10 - 3^3 \div 9$
$= 10 - 27 \div 9$
$= 10 - 3$
$= 7$

$7^2 \div (4 + 3)$
$= 7^2 \div 7$
$= 49 \div 7$
$= 7$

$7 \times 5 - 2^2$
$= 7 \times 5 - 4$
$= 35 - 4$
$= 31$

$(6 + 2^2) \times 10$
$= (6 + 4) \times 10$
$= 10 \times 10$
$= 100$

$3 \times 6 + 8^2$
$= 3 \times 6 + 64$
$= 18 + 64$
$= 82$

$4^3 - 10 \div 5$
$= 64 - 10 \div 5$
$= 64 - 2$
$= 62$

$3^2 \times 2 - 9$
$= 9 \times 2 - 9$
$= 18 - 9$
$= 9$

$9 \times 3^2 - 8$
$= 9 \times 9 - 8$
$= 81 - 8$
$= 73$

$6^2 \div 3 - 5$
$= 36 \div 3 - 5$
$= 12 - 5$
$= 7$

$(9 - 5)^2 \div 4$
$= 4^2 \div 4$
$= 16 \div 4$
$= 4$

Order of Operations (B)

Name: _____ Date: _____

Simplify each expression using the correct order of operations.

$(8-6)^2 \times 7$

$3^2 \times 4 + 6$

$10 + 3^3 \div 9$

$(9 - 2^3) \times 5$

$6^2 + 7 \times 2$

$6^2 \div 2 - 4$

$9 \times 8 + 3^2$

$(5^2 + 10) \times 2$

$(7 + 10) \times 2^2$

$7 \times (4^2 - 2)$

Order of Operations (B)

Name: _____ Date: _____

Simplify each expression using the correct order of operations.

$(8-6)^2 \times 7$
$= 2^2 \times 7$
$= 4 \times 7$
$= 28$

$3^2 \times 4 + 6$
$= 9 \times 4 + 6$
$= 36 + 6$
$= 42$

$10 + 3^3 \div 9$
$= 10 + 27 \div 9$
$= 10 + 3$
$= 13$

$(9 - 2^3) \times 5$
$= (9 - 8) \times 5$
$= 1 \times 5$
$= 5$

$6^2 + 7 \times 2$
$= 36 + 7 \times 2$
$= 36 + 14$
$= 50$

$6^2 \div 2 - 4$
$= 36 \div 2 - 4$
$= 18 - 4$
$= 14$

$9 \times 8 + 3^2$
$= 9 \times 8 + 9$
$= 72 + 9$
$= 81$

$(5^2 + 10) \times 2$
$= (25 + 10) \times 2$
$= 35 \times 2$
$= 70$

$(7 + 10) \times 2^2$
$= 17 \times 2^2$
$= 17 \times 4$
$= 68$

$7 \times (4^2 - 2)$
$= 7 \times (16 - 2)$
$= 7 \times 14$
$= 98$

Order of Operations (C)

Name: _____ Date: _____

Simplify each expression using the correct order of operations.

$8 + 2^2 \times 9$

$4^3 + 10 \div 5$

$9 \times 2^2 + 6$

$7 + 4 \times 2^2$

$(6 - 4)^2 \times 2$

$(3^2 - 5) \times 8$

$10^2 \div (6 - 4)$

$2 \times 3^3 + 7$

$(2^3 - 8) \div 6$

$3^2 \times (6 + 2)$

Order of Operations (C)

Name: _____ Date: _____

Simplify each expression using the correct order of operations.

$8 + 2^2 \times 9$
$= 8 + 4 \times 9$
$= 8 + 36$
$= 44$

$4^3 + 10 \div 5$
$= 64 + 10 \div 5$
$= 64 + 2$
$= 66$

$9 \times 2^2 + 6$
$= 9 \times 4 + 6$
$= 36 + 6$
$= 42$

$7 + 4 \times 2^2$
$= 7 + 4 \times 4$
$= 7 + 16$
$= 23$

$(6 - 4)^2 \times 2$
$= 2^2 \times 2$
$= 4 \times 2$
$= 8$

$(3^2 - 5) \times 8$
$= (9 - 5) \times 8$
$= 4 \times 8$
$= 32$

$10^2 \div (6 - 4)$
$= 10^2 \div 2$
$= 100 \div 2$
$= 50$

$2 \times 3^3 + 7$
$= 2 \times 27 + 7$
$= 54 + 7$
$= 61$

$(2^3 - 8) \div 6$
$= (8 - 8) \div 6$
$= 0 \div 6$
$= 0$

$3^2 \times (6 + 2)$
$= 3^2 \times 8$
$= 9 \times 8$
$= 72$

Order of Operations (D)

Name: _____ Date: _____

Simplify each expression using the correct order of operations.

$3 + 10^2 \div 5$

$4 \times 9 + 2^2$

$9 \times 4 - 3^2$

$(8 + 2^3) \times 4$

$8 \times 7 + 4^2$

$(6^2 + 3) \times 2$

$6 \times 2^3 + 10$

$(2^2 + 10) \times 6$

$7 \times (9 - 8)^2$

$4^2 - 6 \times 2$

Order of Operations (D)

Name: _____ Date: _____

Simplify each expression using the correct order of operations.

$3 + \underline{10^2} \div 5$
$= 3 + \underline{100 \div 5}$
$= \underline{3 + 20}$
$= 23$

$4 \times 9 + \underline{2^2}$
$= \underline{4 \times 9} + 4$
$= \underline{36 + 4}$
$= 40$

$9 \times 4 - \underline{3^2}$
$= \underline{9 \times 4} - 9$
$= \underline{36 - 9}$
$= 27$

$(8 + \underline{2^3}) \times 4$
$= (\underline{8 + 8}) \times 4$
$= \underline{16 \times 4}$
$= 64$

$8 \times 7 + \underline{4^2}$
$= \underline{8 \times 7} + 16$
$= \underline{56 + 16}$
$= 72$

$(\underline{6^2} + 3) \times 2$
$= (\underline{36 + 3}) \times 2$
$= \underline{39 \times 2}$
$= 78$

$6 \times \underline{2^3} + 10$
$= \underline{6 \times 8} + 10$
$= \underline{48 + 10}$
$= 58$

$(\underline{2^2} + 10) \times 6$
$= (\underline{4 + 10}) \times 6$
$= \underline{14 \times 6}$
$= 84$

$7 \times (\underline{9 - 8})^2$
$= 7 \times \underline{1^2}$
$= \underline{7 \times 1}$
$= 7$

$\underline{4^2} - 6 \times 2$
$= 16 - \underline{6 \times 2}$
$= \underline{16 - 12}$
$= 4$

Order of Operations (E)

Name: _____ Date: _____

Simplify each expression using the correct order of operations.

$8 \div (6 - 2^2)$

$(8^2 + 6) \div 5$

$3 \times 7 + 5^2$

$(10 + 2^3) \div 3$

$(3^3 - 10) \times 4$

$10 \div (6 - 2^2)$

$9 \times (4^2 - 5)$

$2 \times (4^2 + 10)$

$4 \div 2 + 5^2$

$9 \div 3 + 6^2$

Order of Operations (E)

Name: _____ Date: _____

Simplify each expression using the correct order of operations.

$8 \div (6 - 2^2)$
$= 8 \div (6 - 4)$
$= 8 \div 2$
$= 4$

$(8^2 + 6) \div 5$
$= (64 + 6) \div 5$
$= 70 \div 5$
$= 14$

$3 \times 7 + 5^2$
$= 3 \times 7 + 25$
$= 21 + 25$
$= 46$

$(10 + 2^3) \div 3$
$= (10 + 8) \div 3$
$= 18 \div 3$
$= 6$

$(3^3 - 10) \times 4$
$= (27 - 10) \times 4$
$= 17 \times 4$
$= 68$

$10 \div (6 - 2^2)$
$= 10 \div (6 - 4)$
$= 10 \div 2$
$= 5$

$9 \times (4^2 - 5)$
$= 9 \times (16 - 5)$
$= 9 \times 11$
$= 99$

$2 \times (4^2 + 10)$
$= 2 \times (16 + 10)$
$= 2 \times 26$
$= 52$

$4 \div 2 + 5^2$
$= 4 \div 2 + 25$
$= 2 + 25$
$= 27$

$9 \div 3 + 6^2$
$= 9 \div 3 + 36$
$= 3 + 36$
$= 39$

Order of Operations (F)

Name: _____ Date: _____

Simplify each expression using the correct order of operations.

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

$8 + 9 \div 3^2$

$3^2 \times 6 - 2$

$3^2 \times (10 - 8)$

$(6 + 2^2) \times 10$

$9^2 - 4 \times 7$

$5 \times 2^2 + 3$

$4^2 \div (9 + 7)$

$6 - 2^3 \div 8$

$(2 + 5) \times 3^2$

Order of Operations (F)

Name: _____ Date: _____

Simplify each expression using the correct order of operations.

$4 \times (2^3 + 6)$
$= 4 \times (8 + 6)$
$= 4 \times 14$
$= 56$

$8 + 9 \div 3^2$
$= 8 + 9 \div 9$
$= 8 + 1$
$= 9$

$3^2 \times 6 - 2$
$= 9 \times 6 - 2$
$= 54 - 2$
$= 52$

$3^2 \times (10 - 8)$
$= 3^2 \times 2$
$= 9 \times 2$
$= 18$

$(6 + 2^2) \times 10$
$= (6 + 4) \times 10$
$= 10 \times 10$
$= 100$

$9^2 - 4 \times 7$
$= 81 - 4 \times 7$
$= 81 - 28$
$= 53$

$5 \times 2^2 + 3$
$= 5 \times 4 + 3$
$= 20 + 3$
$= 23$

$4^2 \div (9 + 7)$
$= 4^2 \div 16$
$= 16 \div 16$
$= 1$

$6 - 2^3 \div 8$
$= 6 - 8 \div 8$
$= 6 - 1$
$= 5$

$(2 + 5) \times 3^2$
$= 7 \times 3^2$
$= 7 \times 9$
$= 63$

Order of Operations (G)

Name: _____ Date: _____

Simplify each expression using the correct order of operations.

$10 + 2^3 \times 7$

$8 \times 2^2 - 6$

$4^2 - 8 \div 2$

$2 \times (7 - 5)^3$

$8^2 + 5 \times 3$

$2 \times 3^2 - 7$

$8^2 + 2 \times 7$

$4 \times (10 - 2^2)$

$4^2 \times 2 + 5$

$5 + 8^2 \div 4$

Order of Operations (G)

Name: _____ Date: _____

Simplify each expression using the correct order of operations.

$10 + 2^3 \times 7$
$= 10 + 8 \times 7$
$= 10 + 56$
$= 66$

$8 \times 2^2 - 6$
$= 8 \times 4 - 6$
$= 32 - 6$
$= 26$

$4^2 - 8 \div 2$
$= 16 - 8 \div 2$
$= 16 - 4$
$= 12$

$2 \times (7 - 5)^3$
$= 2 \times 2^3$
$= 2 \times 8$
$= 16$

$8^2 + 5 \times 3$
$= 64 + 5 \times 3$
$= 64 + 15$
$= 79$

$2 \times 3^2 - 7$
$= 2 \times 9 - 7$
$= 18 - 7$
$= 11$

$8^2 + 2 \times 7$
$= 64 + 2 \times 7$
$= 64 + 14$
$= 78$

$4 \times (10 - 2^2)$
$= 4 \times (10 - 4)$
$= 4 \times 6$
$= 24$

$4^2 \times 2 + 5$
$= 16 \times 2 + 5$
$= 32 + 5$
$= 37$

$5 + 8^2 \div 4$
$= 5 + 64 \div 4$
$= 5 + 16$
$= 21$

Order of Operations (H)

Name: _____ Date: _____

Simplify each expression using the correct order of operations.

$(10 + 7) \times 2^2$

$(6 - 5)^2 \times 4$

$5^2 \times 3 + 10$

$(8 - 5)^2 \times 2$

$8 \div 2^3 + 6$

$4 \times (10 - 7)^2$

$4^3 - 8 \times 5$

$2 \times 6 + 4^3$

$8^2 \div (5 + 3)$

$2^3 \times (3 + 5)$

Order of Operations (H)

Name: _____ Date: _____

Simplify each expression using the correct order of operations.

$(10+7) \times 2^2$
$= 17 \times 2^2$
$= 17 \times 4$
$= 68$

$(6-5)^2 \times 4$
$= 1^2 \times 4$
$= 1 \times 4$
$= 4$

$5^2 \times 3 + 10$
$= 25 \times 3 + 10$
$= 75 + 10$
$= 85$

$(8-5)^2 \times 2$
$= 3^2 \times 2$
$= 9 \times 2$
$= 18$

$8 \div 2^3 + 6$
$= 8 \div 8 + 6$
$= 1 + 6$
$= 7$

$4 \times (10-7)^2$
$= 4 \times 3^2$
$= 4 \times 9$
$= 36$

$4^3 - 8 \times 5$
$= 64 - 8 \times 5$
$= 64 - 40$
$= 24$

$2 \times 6 + 4^3$
$= 2 \times 6 + 64$
$= 12 + 64$
$= 76$

$8^2 \div (5+3)$
$= 8^2 \div 8$
$= 64 \div 8$
$= 8$

$2^3 \times (3+5)$
$= 2^3 \times 8$
$= 8 \times 8$
$= 64$

Order of Operations (I)

Name: _____ Date: _____

Simplify each expression using the correct order of operations.

$2^2 \times (8 - 4)$

$(8 - 6)^2 \times 9$

$10 \times (3 - 2)^3$

$3^3 + 9 \times 7$

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

$6 - 4^2 \div 8$

$3 \times 8 + 7^2$

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

$5 \div (3 - 2)^2$

$3^2 \times (8 - 7)$

Order of Operations (I)

Name: _____ Date: _____

Simplify each expression using the correct order of operations.

$2^2 \times (8 - 4)$
$= 2^2 \times 4$
$= 4 \times 4$
$= 16$

$(8 - 6)^2 \times 9$
$= 2^2 \times 9$
$= 4 \times 9$
$= 36$

$10 \times (3 - 2)^3$
$= 10 \times 1^3$
$= 10 \times 1$
$= 10$

$3^3 + 9 \times 7$
$= 27 + 9 \times 7$
$= 27 + 63$
$= 90$

$3 \times (4^2 + 2)$
$= 3 \times (16 + 2)$
$= 3 \times 18$
$= 54$

$6 - 4^2 \div 8$
$= 6 - 16 \div 8$
$= 6 - 2$
$= 4$

$3 \times 8 + 7^2$
$= 3 \times 8 + 49$
$= 24 + 49$
$= 73$

$(3 + 2^3) \times 4$
$= (3 + 8) \times 4$
$= 11 \times 4$
$= 44$

$5 \div (3 - 2)^2$
$= 5 \div 1^2$
$= 5 \div 1$
$= 5$

$3^2 \times (8 - 7)$
$= 3^2 \times 1$
$= 9 \times 1$
$= 9$

Order of Operations (J)

Name: _____ Date: _____

Simplify each expression using the correct order of operations.

$(2^3 - 3) \div 5$

$6^2 \div (4 + 5)$

$3 \times 4 + 7^2$

$7^2 - 2 \times 3$

$(6 - 5)^3 \times 4$

$2 \times (3^3 + 5)$

$(9 + 2^2) \times 3$

$10 + 8 \times 2^3$

$4 \times (3^2 - 7)$

$10 \div 2 + 5^2$

Order of Operations (J)

Name: _____ Date: _____

Simplify each expression using the correct order of operations.

$(2^3 - 3) \div 5$
$= (8 - 3) \div 5$
$= 5 \div 5$
$= 1$

$6^2 \div (4 + 5)$
$= 6^2 \div 9$
$= 36 \div 9$
$= 4$

$3 \times 4 + 7^2$
$= 3 \times 4 + 49$
$= 12 + 49$
$= 61$

$7^2 - 2 \times 3$
$= 49 - 2 \times 3$
$= 49 - 6$
$= 43$

$(6 - 5)^3 \times 4$
$= 1^3 \times 4$
$= 1 \times 4$
$= 4$

$2 \times (3^3 + 5)$
$= 2 \times (27 + 5)$
$= 2 \times 32$
$= 64$

$(9 + 2^2) \times 3$
$= (9 + 4) \times 3$
$= 13 \times 3$
$= 39$

$10 + 8 \times 2^3$
$= 10 + 8 \times 8$
$= 10 + 64$
$= 74$

$4 \times (3^2 - 7)$
$= 4 \times (9 - 7)$
$= 4 \times 2$
$= 8$

$10 \div 2 + 5^2$
$= 10 \div 2 + 25$
$= 5 + 25$
$= 30$