Order of Operations (F)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$(9 + 2 - 10) \times 4^3$

$(3 \times 5) \div (7 - 6)^2$

$\left(6 \times 2^3\right) \div 8 + 7$

$\left(4^3 \div (2 + 6)\right) \times 8$

$\left(4^2 - 5 + 10\right) \div 7$

$\left(9 \times 8 + 2^2\right) \div 4$

$9 + 2 \div (7 - 6)^2$

$(6 - 5 + 8) \div 3^2$

$(4 \div 2) \times 3 + 5^2$

$(9 \div 3)^3 \times 2 - 6$

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$(\underline{9+2}-10) \times 4^3$

$= (\underline{11-10}) \times 4^3$

$= 1 \times \underline{4^3}$

$= \underline{1 \times 64}$

$= 64$

$(6 \times \underline{2^3}) \div 8 + 7$

$= (\underline{6 \times 8}) \div 8 + 7$

$= \underline{48 \div 8} + 7$

$= \underline{6+7}$

$= 13$

$(\underline{4^2} - 5 + 10) \div 7$

$= (\underline{16-5} + 10) \div 7$

$= (\underline{11+10}) \div 7$

$= \underline{21 \div 7}$

$= 3$

$9 + 2 \div (\underline{7-6})^2$

$= 9 + 2 \div \underline{1^2}$

$= 9 + \underline{2 \div 1}$

$= \underline{9+2}$

$= 11$

$(\underline{4 \div 2}) \times 3 + 5^2$

$= 2 \times 3 + \underline{5^2}$

$= \underline{2 \times 3} + 25$

$= \underline{6+25}$

$= 31$

$(\underline{3 \times 5}) \div (7-6)^2$

$= 15 \div (\underline{7-6})^2$

$= 15 \div \underline{1^2}$

$= \underline{15 \div 1}$

$= 15$

$(4^3 \div (\underline{2+6})) \times 8$

$= (\underline{4^3} \div 8) \times 8$

$= (\underline{64 \div 8}) \times 8$

$= \underline{8 \times 8}$

$= 64$

$(9 \times 8 + \underline{2^2}) \div 4$

$= (\underline{9 \times 8} + 4) \div 4$

$= (\underline{72+4}) \div 4$

$= \underline{76 \div 4}$

$= 19$

$(\underline{6-5} + 8) \div 3^2$

$= (\underline{1+8}) \div 3^2$

$= 9 \div \underline{3^2}$

$= \underline{9 \div 9}$

$= 1$

$(\underline{9 \div 3})^3 \times 2 - 6$

$= \underline{3^3} \times 2 - 6$

$= \underline{27 \times 2} - 6$

$= \underline{54-6}$

$= 48$