Order of Operations with Decimals **(C)**

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$\left(8.6 - (2.5)^2\right) \times 7.4$

$(1.6)^2 + 1.7 \times 9.5$

$(2.3)^2 + 5.3 \times 8.6$

$4.5 \times 3.7 + (7.1)^2$

$(8.3)^2 + 5.4 \times 4.7$

$\left(2.2 + (2.5)^2\right) \times 3.4$

$3.9 \times 6.6 + (2.6)^2$

$6.3 \times 4.4 + (2.1)^2$

$(4.8)^2 + 1.4 \times 6.6$

$(5.4)^2 - 2.9 \times 5.8$

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$\left(8.6 - \underline{(2.5)^2}\right) \times 7.4$

$= (\underline{8.6 - 6.25}) \times 7.4$

$= \underline{2.35 \times 7.4}$

$= 17.39$

$\underline{(1.6)^2} + 1.7 \times 9.5$

$= 2.56 + \underline{1.7 \times 9.5}$

$= \underline{2.56 + 16.15}$

$= 18.71$

$\underline{(2.3)^2} + 5.3 \times 8.6$

$= 5.29 + \underline{5.3 \times 8.6}$

$= \underline{5.29 + 45.58}$

$= 50.87$

$4.5 \times 3.7 + \underline{(7.1)^2}$

$= \underline{4.5 \times 3.7} + 50.41$

$= \underline{16.65 + 50.41}$

$= 67.06$

$\underline{(8.3)^2} + 5.4 \times 4.7$

$= 68.89 + \underline{5.4 \times 4.7}$

$= \underline{68.89 + 25.38}$

$= 94.27$

$\left(2.2 + \underline{(2.5)^2}\right) \times 3.4$

$= (\underline{2.2 + 6.25}) \times 3.4$

$= \underline{8.45 \times 3.4}$

$= 28.73$

$3.9 \times 6.6 + \underline{(2.6)^2}$

$= \underline{3.9 \times 6.6} + 6.76$

$= \underline{25.74 + 6.76}$

$= 32.5$

$6.3 \times 4.4 + \underline{(2.1)^2}$

$= \underline{6.3 \times 4.4} + 4.41$

$= \underline{27.72 + 4.41}$

$= 32.13$

$\underline{(4.8)^2} + 1.4 \times 6.6$

$= 23.04 + \underline{1.4 \times 6.6}$

$= \underline{23.04 + 9.24}$

$= 32.28$

$\underline{(5.4)^2} - 2.9 \times 5.8$

$= 29.16 - \underline{2.9 \times 5.8}$

$= \underline{29.16 - 16.82}$

$= 12.34$