Name: _____

Date: _____

Solve each expression using the correct order of operations.

$(1.5)^2 + 7.8 \times 2.6$

$4.6 \times (4.5)^2 - 2.4$

$2.5 \times 1.6 + (7.5)^2$

$(6.9)^2 \div (9.3 - 7.8)$

$(8.6)^2 - 2.5 \times 6.5$

$1.4 \times (7.1 - 1.6)^2$

$(1.4 - 1.4)^2 \times 5.2$

$(7.9)^2 - 2.3 \times 4.6$

$(5.9)^2 + 1.6 \times 5.5$

$(3.4)^2 + 1.5 \times 5.3$

Order of Operations with Decimals (H) Answers

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$(1.5)^2 + 7.8 \times 2.6$

$= 2.25 + 7.8 \times 2.6$

$= 2.25 + 20.28$

$= 22.53$

$4.6 \times (4.5)^2 - 2.4$

$= 4.6 \times 20.25 - 2.4$

$= 93.15 - 2.4$

$= 90.75$

$2.5 \times 1.6 + (7.5)^2$

$= 2.5 \times 1.6 + 56.25$

$= 4 + 56.25$

$= 60.25$

$(6.9)^2 \div (9.3 - 7.8)$

$= (6.9)^2 \div 1.5$

$= 47.61 \div 1.5$

$= 31.74$

$(8.6)^2 - 2.5 \times 6.5$

$= 73.96 - 2.5 \times 6.5$

$= 73.96 - 16.25$

$= 57.71$

$1.4 \times (7.1 - 1.6)^2$

$= 1.4 \times (5.5)^2$

$= 1.4 \times 30.25$

$= 42.35$

$(1.4 - 1.4)^2 \times 5.2$

$= 0^2 \times 5.2$

$= 0 \times 5.2$

$= 0$

$(7.9)^2 - 2.3 \times 4.6$

$= 62.41 - 2.3 \times 4.6$

$= 62.41 - 10.58$

$= 51.83$

$(5.9)^2 + 1.6 \times 5.5$

$= 34.81 + 1.6 \times 5.5$

$= 34.81 + 8.8$

$= 43.61$

$(3.4)^2 + 1.5 \times 5.3$

$= 11.56 + 1.5 \times 5.3$

$= 11.56 + 7.95$

$= 19.51$