Order of Operations with Decimals (F)

Name: _____ Date: _____

Solve each expression using the correct order of operations.

$(-1.9)^2 \times (3.2 - (-3.8))$

$1.1 - 0.3 \div (0.2)^2$

$(-0.9) \times 5.1 + (6.8)^2$

$(-9.8)^2 - 2.5 \times 1.6$

$\left(4.4 + (-3.8)^2\right) \div 0.5$

$(-0.7)^2 + 4.5 \times (-3.6)$

$(-5.2)^2 + 6.2 \times 2.5$

$(-9.7) - 3.75 \times (1.6)^2$

$3.8 \times (-9.1) + (6.9)^2$

$\left(4.1 - (3.5)^2\right) \times (-6.4)$

Order of Operations with Decimals (F) Answers

Name: _____ Date: _____

Solve each expression using the correct order of operations.

$(-1.9)^2 \times \left(3.2 - (-3.8)\right)$
$= (-1.9)^2 \times 7$
$= 3.61 \times 7$
$= 25.27$

$1.1 - 0.3 \div (0.2)^2$
$= 1.1 - 0.3 \div 0.04$
$= 1.1 - 7.5$
$= -6.4$

$(-0.9) \times 5.1 + (6.8)^2$
$= (-0.9) \times 5.1 + 46.24$
$= (-4.59) + 46.24$
$= 41.65$

$(-9.8)^2 - 2.5 \times 1.6$
$= 96.04 - 2.5 \times 1.6$
$= 96.04 - 4$
$= 92.04$

$\left(4.4 + (-3.8)^2\right) \div 0.5$
$= (4.4 + 14.44) \div 0.5$
$= 18.84 \div 0.5$
$= 37.68$

$(-0.7)^2 + 4.5 \times (-3.6)$
$= 0.49 + 4.5 \times (-3.6)$
$= 0.49 + (-16.2)$
$= -15.71$

$(-5.2)^2 + 6.2 \times 2.5$
$= 27.04 + 6.2 \times 2.5$
$= 27.04 + 15.5$
$= 42.54$

$(-9.7) - 3.75 \times (1.6)^2$
$= (-9.7) - 3.75 \times 2.56$
$= (-9.7) - 9.6$
$= -19.3$

$3.8 \times (-9.1) + (6.9)^2$
$= 3.8 \times (-9.1) + 47.61$
$= (-34.58) + 47.61$
$= 13.03$

$\left(4.1 - (3.5)^2\right) \times (-6.4)$
$= (4.1 - 12.25) \times (-6.4)$
$= (-8.15) \times (-6.4)$
$= 52.16$