Order of Operations with Decimals (A)

Name: _____

Solve each expression using the correct order of operations.

$(7.1)^2 - 6.7 \times 3.1$

$(9.5)^2 \div (5.6 - 4.6)$

$(6.3)^2 + 1.9 \times 5.3$

$(2.8)^2 \div 1.6 + 8.7$

$4.2 \times 6.9 - (2.9)^2$

$(8.1)^2 + 6.7 \times 3.7$

$(3.6)^2 + 1.7 \times 5.1$

$7.5 \times 4.6 - (2.8)^2$

$(7.1)^2 - 3.8 \times 1.8$

$3.3 \times 5.7 + (2.9)^2$

Order of Operations with Decimals (A) Answers

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$(7.1)^2 - 6.7 \times 3.1$
$= 50.41 - 6.7 \times 3.1$
$= 50.41 - 20.77$
$= 29.64$

$(9.5)^2 \div (5.6 - 4.6)$
$= (9.5)^2 \div 1$
$= 90.25 \div 1$
$= 90.25$

$(6.3)^2 + 1.9 \times 5.3$
$= 39.69 + 1.9 \times 5.3$
$= 39.69 + 10.07$
$= 49.76$

$(2.8)^2 \div 1.6 + 8.7$
$= 7.84 \div 1.6 + 8.7$
$= 4.9 + 8.7$
$= 13.6$

$4.2 \times 6.9 - (2.9)^2$
$= 4.2 \times 6.9 - 8.41$
$= 28.98 - 8.41$
$= 20.57$

$(8.1)^2 + 6.7 \times 3.7$
$= 65.61 + 6.7 \times 3.7$
$= 65.61 + 24.79$
$= 90.4$

$(3.6)^2 + 1.7 \times 5.1$
$= 12.96 + 1.7 \times 5.1$
$= 12.96 + 8.67$
$= 21.63$

$7.5 \times 4.6 - (2.8)^2$
$= 7.5 \times 4.6 - 7.84$
$= 34.5 - 7.84$
$= 26.66$

$(7.1)^2 - 3.8 \times 1.8$
$= 50.41 - 3.8 \times 1.8$
$= 50.41 - 6.84$
$= 43.57$

$3.3 \times 5.7 + (2.9)^2$
$= 3.3 \times 5.7 + 8.41$
$= 18.81 + 8.41$
$= 27.22$