Order of Operations with Decimals (A)

Name: _____ Date: _____

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.

$(7{,}1)^2 - 6{,}7 \times 3{,}1$
$= 50{,}41 - 6{,}7 \times 3{,}1$
$= 50{,}41 - 20{,}77$
$= 29{,}64$

$(9{,}5)^2 \div (5{,}6 - 4{,}6)$
$= (9{,}5)^2 \div 1$
$= 90{,}25 \div 1$
$= 90{,}25$

$(6{,}3)^2 + 1{,}9 \times 5{,}3$
$= 39{,}69 + 1{,}9 \times 5{,}3$
$= 39{,}69 + 10{,}07$
$= 49{,}76$

$(2{,}8)^2 \div 1{,}6 + 8{,}7$
$= 7{,}84 \div 1{,}6 + 8{,}7$
$= 4{,}9 + 8{,}7$
$= 13{,}6$

$4{,}2 \times 6{,}9 - (2{,}9)^2$
$= 4{,}2 \times 6{,}9 - 8{,}41$
$= 28{,}98 - 8{,}41$
$= 20{,}57$

$(8{,}1)^2 + 6{,}7 \times 3{,}7$
$= 65{,}61 + 6{,}7 \times 3{,}7$
$= 65{,}61 + 24{,}79$
$= 90{,}4$

$(3{,}6)^2 + 1{,}7 \times 5{,}1$
$= 12{,}96 + 1{,}7 \times 5{,}1$
$= 12{,}96 + 8{,}67$
$= 21{,}63$

$7{,}5 \times 4{,}6 - (2{,}8)^2$
$= 7{,}5 \times 4{,}6 - 7{,}84$
$= 34{,}5 - 7{,}84$
$= 26{,}66$

$(7{,}1)^2 - 3{,}8 \times 1{,}8$
$= 50{,}41 - 3{,}8 \times 1{,}8$
$= 50{,}41 - 6{,}84$
$= 43{,}57$

$3{,}3 \times 5{,}7 + (2{,}9)^2$
$= 3{,}3 \times 5{,}7 + 8{,}41$
$= 18{,}81 + 8{,}41$
$= 27{,}22$