# Order of Operations (A)

Name: _____ Date: _____

Solve each expression using the correct order of operations.

$(-5)^2 - 2 \times (-9) + 6$

$3 \times 10 + 8 - 4^2$

$(-9) - (-8) + 2 \times 4^2$

$(-3)^3 - 2 + 8 \div (-8)$

$8 \div (-4) \times (-6)^2 + 7$

$4 \times (-8) + 6 - (-2)^3$

$10 \times 5 - (-6)^2 + (-8)$

$(-5)^2 \times 3 \div 5 + 9$

$(10 \div (-5) - (-2)) \times (-3)^3$

$4 \times (-6) \div 8 + 3^3$

# Order of Operations (A) Answers

Name: _____ Date: _____

Solve each expression using the correct order of operations.

$(-5)^2 - 2 \times (-9) + 6$
$= 25 - 2 \times (-9) + 6$
$= 25 - (-18) + 6$
$= 43 + 6$
$= 49$

$3 \times 10 + 8 - 4^2$
$= 3 \times 10 + 8 - 16$
$= 30 + 8 - 16$
$= 38 - 16$
$= 22$

$(-9) - (-8) + 2 \times 4^2$
$= (-9) - (-8) + 2 \times 16$
$= (-9) - (-8) + 32$
$= (-1) + 32$
$= 31$

$(-3)^3 - 2 + 8 \div (-8)$
$= (-27) - 2 + 8 \div (-8)$
$= (-27) - 2 + (-1)$
$= (-29) + (-1)$
$= -30$

$8 \div (-4) \times (-6)^2 + 7$
$= 8 \div (-4) \times 36 + 7$
$= (-2) \times 36 + 7$
$= (-72) + 7$
$= -65$

$4 \times (-8) + 6 - (-2)^3$
$= 4 \times (-8) + 6 - (-8)$
$= (-32) + 6 - (-8)$
$= (-26) - (-8)$
$= -18$

$10 \times 5 - (-6)^2 + (-8)$
$= 10 \times 5 - 36 + (-8)$
$= 50 - 36 + (-8)$
$= 14 + (-8)$
$= 6$

$(-5)^2 \times 3 \div 5 + 9$
$= 25 \times 3 \div 5 + 9$
$= 75 \div 5 + 9$
$= 15 + 9$
$= 24$

$\left(10 \div (-5) - (-2)\right) \times (-3)^3$
$= \left((-2) - (-2)\right) \times (-3)^3$
$= 0 \times (-3)^3$
$= 0 \times (-27)$
$= 0$

$4 \times (-6) \div 8 + 3^3$
$= 4 \times (-6) \div 8 + 27$
$= (-24) \div 8 + 27$
$= (-3) + 27$
$= 24$