Order of Operations (F)

Name: _____ Date: _____

Solve each expression using the correct order of operations.

$2 \times ((-5) + 6 - (-7)) \div (-2)^2$

$\left((-4) \times (-3)^2\right) \div 4 + 6 - (-10)$

$(-4)^3 - (-8) \times (5 + 6 \div (-3))$

$((-10) \times 9) \div (-9) + 10 - 4^2$

$10 \div (-2) \times (3 - 5 + 6)^2$

$(-3)^2 \times (5 + (-6) - 9) \div 2$

Order of Operations (F) Answers

Name: _____ Date: _____

Solve each expression using the correct order of operations.

$2 \times \left((-5) + 6 - (-7)\right) \div (-2)^2$

$= 2 \times \left(1 - (-7)\right) \div (-2)^2$

$= 2 \times 8 \div (-2)^2$

$= 2 \times 8 \div 4$

$= 16 \div 4$

$= 4$

$\left((-4) \times (-3)^2\right) \div 4 + 6 - (-10)$

$= \left((-4) \times 9\right) \div 4 + 6 - (-10)$

$= (-36) \div 4 + 6 - (-10)$

$= (-9) + 6 - (-10)$

$= (-3) - (-10)$

$= 7$

$(-4)^3 - (-8) \times \left(5 + 6 \div (-3)\right)$

$= (-4)^3 - (-8) \times \left(5 + (-2)\right)$

$= (-4)^3 - (-8) \times 3$

$= (-64) - (-8) \times 3$

$= (-64) - (-24)$

$= -40$

$\left((-10) \times 9\right) \div (-9) + 10 - 4^2$

$= (-90) \div (-9) + 10 - 4^2$

$= (-90) \div (-9) + 10 - 16$

$= 10 + 10 - 16$

$= 20 - 16$

$= 4$

$10 \div (-2) \times (3 - 5 + 6)^2$

$= 10 \div (-2) \times \left((-2) + 6\right)^2$

$= 10 \div (-2) \times 4^2$

$= 10 \div (-2) \times 16$

$= (-5) \times 16$

$= -80$

$(-3)^2 \times \left(5 + (-6) - 9\right) \div 2$

$= (-3)^2 \times \left((-1) - 9\right) \div 2$

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

$= 9 \times (-10) \div 2$

$= (-90) \div 2$

$= -45$