Order of Operations (B)

Name: _____ Date: _____

Solve each expression using the correct order of operations.

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

$(7 - 5)^3 \times 10 \div ((-2) + 6)$

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

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

$\left((-8)^2 - (-6) \times (4 + 2)\right) \div 5$

$\left((10 - 7)^2 \times (-8)\right) \div 9 + 8$

Order of Operations (B) Answers

Name: _____ Date: _____

Solve each expression using the correct order of operations.

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

$= \left(6 + (-5) \div 5 - 49\right) \times 2$

$= \left(6 + (-1) - 49\right) \times 2$

$= (5 - 49) \times 2$

$= (-44) \times 2$

$= -88$

$(7 - 5)^3 \times 10 \div ((-2) + 6)$

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

$= 2^3 \times 10 \div 4$

$= 8 \times 10 \div 4$

$= 80 \div 4$

$= 20$

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

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

$= \left(12 + (-9)\right)^2 \div 9$

$= 3^2 \div 9$

$= 9 \div 9$

$= 1$

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

$= 3^3 \div (-3) \times \left((-7) + 5\right)$

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

$= 27 \div (-3) \times (-2)$

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

$= 18$

$\left((-8)^2 - (-6) \times (4 + 2)\right) \div 5$

$= \left((-8)^2 - (-6) \times 6\right) \div 5$

$= \left(64 - (-6) \times 6\right) \div 5$

$= \left(64 - (-36)\right) \div 5$

$= 100 \div 5$

$= 20$

$\left((10 - 7)^2 \times (-8)\right) \div 9 + 8$

$= \left(3^2 \times (-8)\right) \div 9 + 8$

$= \left(9 \times (-8)\right) \div 9 + 8$

$= (-72) \div 9 + 8$

$= (-8) + 8$

$= 0$