Order of Operations (A)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$(-6) \times 9 - (-9) + (-10) \div (8 + (-3))$

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

$(7 + (-3) - 4) \div ((-7) \times (2 - (-6)))$

$(4 \times (-4)) \div (2 - (-10) + 9 + (-5))$

$7 \div ((-3) + 4) \times (-10) - (-8) + 10$

$(-2) + (-4) - 8 \times (2 \div ((-10) \div 10))$

Order of Operations (A) Answers

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$(-6) \times 9 - (-9) + (-10) \div \left(8 + (-3)\right)$

$= \underline{(-6) \times 9} - (-9) + (-10) \div \underline{5}$

$= (-54) - (-9) + \underline{(-10) \div 5}$

$= \underline{(-54) - (-9)} + (-2)$

$= \underline{(-45) + (-2)}$

$= -47$

$10 + 6 \div \left(\underline{(-7) - (-5)}\right) \times ((-10) + 5)$

$= 10 + 6 \div (-2) \times \left(\underline{(-10) + 5}\right)$

$= 10 + \underline{6 \div (-2)} \times (-5)$

$= 10 + \underline{(-3) \times (-5)}$

$= \underline{10 + 15}$

$= 25$

$\left(\underline{7 + (-3)} - 4\right) \div ((-7) \times (2 - (-6)))$

$= \left(\underline{4 - 4}\right) \div ((-7) \times (2 - (-6)))$

$= 0 \div \left((-7) \times \left(\underline{2 - (-6)}\right)\right)$

$= 0 \div \left(\underline{(-7) \times 8}\right)$

$= \underline{0 \div (-56)}$

$= 0$

$\left(\underline{4 \times (-4)}\right) \div (2 - (-10) + 9 + (-5))$

$= (-16) \div \left(\underline{2 - (-10)} + 9 + (-5)\right)$

$= (-16) \div (\underline{12 + 9} + (-5))$

$= (-16) \div \left(\underline{21 + (-5)}\right)$

$= \underline{(-16) \div 16}$

$= -1$

$7 \div \left(\underline{(-3) + 4}\right) \times (-10) - (-8) + 10$

$= \underline{7 \div 1} \times (-10) - (-8) + 10$

$= \underline{7 \times (-10)} - (-8) + 10$

$= \underline{(-70) - (-8)} + 10$

$= \underline{(-62) + 10}$

$= -52$

$(-2) + (-4) - 8 \times \left(2 \div \left(\underline{(-10) \div 10}\right)\right)$

$= (-2) + (-4) - 8 \times \left(\underline{2 \div (-1)}\right)$

$= (-2) + (-4) - \underline{8 \times (-2)}$

$= \underline{(-2) + (-4)} - (-16)$

$= \underline{(-6) - (-16)}$

$= 10$