Order of Operations (A)

Name: _____ Date: _____

Solve 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: _____

Solve each expression using the correct order of operations.

$(-6) \times 9 - (-9) + (-10) \div \underline{(8 + (-3))}$
$= \underline{(-6) \times 9} - (-9) + (-10) \div 5$
$= (-54) - (-9) + \underline{(-10) \div 5}$
$= \underline{(-54) - (-9)} + (-2)$
$= \underline{(-45) + (-2)}$
$= -47$

$10 + 6 \div \underline{((-7) - (-5))} \times ((-10) + 5)$
$= 10 + 6 \div (-2) \times \underline{((-10) + 5)}$
$= 10 + \underline{6 \div (-2)} \times (-5)$
$= 10 + \underline{(-3) \times (-5)}$
$= \underline{10 + 15}$
$= 25$

$\underline{(7 + (-3))} - 4) \div ((-7) \times (2 - (-6)))$
$= (\underline{4 - 4}) \div ((-7) \times (2 - (-6)))$
$= 0 \div (\underline{(-7) \times (2 - (-6))})$
$= 0 \div \underline{(-7) \times 8}$
$= \underline{0 \div (-56)}$
$= 0$

$\underline{(4 \times (-4))} \div (2 - (-10) + 9 + (-5))$
$= (-16) \div (\underline{2 - (-10)} + 9 + (-5))$
$= (-16) \div (\underline{12 + 9} + (-5))$
$= (-16) \div \underline{(21 + (-5))}$
$= \underline{(-16) \div 16}$
$= -1$

$7 \div \underline{((-3) + 4)} \times (-10) - (-8) + 10$
$= \underline{7 \div 1} \times (-10) - (-8) + 10$
$= \underline{7 \times (-10)} - (-8) + 10$
$= \underline{(-70) - (-8)} + 10$
$= \underline{(-62) + 10}$
$= -52$

$(-2) + (-4) - 8 \times (2 \div \underline{((-10) \div 10)})$
$= (-2) + (-4) - 8 \times \underline{(2 \div (-1))}$
$= (-2) + (-4) - \underline{8 \times (-2)}$
$= \underline{(-2) + (-4)} - (-16)$
$= \underline{(-6) - (-16)}$
$= 10$