Orden de Operaciones con Decimales (D)

Nombre: _____ Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$\left((3.6)^2 - 5.1 \div (4.1 + (-6.6))\right) \times (-2.3)$

$(9.4 - 2.6)^2 \times (9.1 + (-8.6)) \div (-0.5)$

$\left((-8.8) \div 8.8 - (-6.6)^2\right) \times (5.3 + (-4.8))$

$((-7.2) + 3.5 \times 5.8 - 9.2)^2 \div 4.5$

$((-7.2) - 8.9 \times 5.9) \div (-3.5) + (-1.5)^2$

$\left(2.4 + (-1.9) \div (0.5)^2\right) \times 3.7 - 4.2$

Orden de Operaciones con Decimales (D) Respuestas

Nombre: _____ Fecha: _____

Resuelva cada expresión usando el orden de operaciones correcto.

$$\left((3.6)^2 - 5.1 \div \left(\underline{4.1 + (-6.6)}\right)\right) \times (-2.3)$$
$$= \left(\underline{(3.6)^2} - 5.1 \div (-2.5)\right) \times (-2.3)$$
$$= \left(12.96 - \underline{5.1 \div (-2.5)}\right) \times (-2.3)$$
$$= \left(\underline{12.96 - (-2.04)}\right) \times (-2.3)$$
$$= \underline{15 \times (-2.3)}$$
$$= -34.5$$

$$(\underline{9.4 - 2.6})^2 \times (9.1 + (-8.6)) \div (-0.5)$$
$$= (6.8)^2 \times \left(\underline{9.1 + (-8.6)}\right) \div (-0.5)$$
$$= \underline{(6.8)^2} \times 0.5 \div (-0.5)$$
$$= \underline{46.24 \times 0.5} \div (-0.5)$$
$$= \underline{23.12 \div (-0.5)}$$
$$= -46.24$$

$$\left((-8.8) \div 8.8 - \underline{(-6.6)^2}\right) \times (5.3 + (-4.8))$$
$$= \left(\underline{(-8.8) \div 8.8} - 43.56\right) \times (5.3 + (-4.8))$$
$$= \left(\underline{(-1) - 43.56}\right) \times (5.3 + (-4.8))$$
$$= (-44.56) \times \left(\underline{5.3 + (-4.8)}\right)$$
$$= \underline{(-44.56) \times 0.5}$$
$$= -22.28$$

$$((-7.2) + \underline{3.5 \times 5.8} - 9.2)^2 \div 4.5$$
$$= \left(\underline{(-7.2) + 20.3} - 9.2\right)^2 \div 4.5$$
$$= (\underline{13.1 - 9.2})^2 \div 4.5$$
$$= \underline{(3.9)^2} \div 4.5$$
$$= \underline{15.21 \div 4.5}$$
$$= 3.38$$

$$((-7.2) - \underline{8.9 \times 5.9}) \div (-3.5) + (-1.5)^2$$
$$= \left(\underline{(-7.2) - 52.51}\right) \div (-3.5) + (-1.5)^2$$
$$= (-59.71) \div (-3.5) + \underline{(-1.5)^2}$$
$$= \underline{(-59.71) \div (-3.5)} + 2.25$$
$$= \underline{17.06 + 2.25}$$
$$= 19.31$$

$$\left(2.4 + (-1.9) \div \underline{(0.5)^2}\right) \times 3.7 - 4.2$$
$$= \left(2.4 + \underline{(-1.9) \div 0.25}\right) \times 3.7 - 4.2$$
$$= \left(\underline{2.4 + (-7.6)}\right) \times 3.7 - 4.2$$
$$= \underline{(-5.2) \times 3.7} - 4.2$$
$$= \underline{(-19.24) - 4.2}$$
$$= -23.44$$