

## Order of Operations with Decimals

Developing:

Evaluate each expression.

1)  $-1.7 \times -4.7 + 0.03$

2)  $(-3.8 \times 0.5)^2$

3)  $0.46 - 0.1 \times -3.2$

4)  $(4 + 4.3) \times 0.2$

5)  $1.2 - (3.6 - 2.83)$

6)  $-4.1 \times -5.9 + 3.6$

$$7) -4.5(2.18 - 1.8)$$

$$8) (-3.4)^2 \div -1.36$$

$$9) -4.2 \div -1.2 + 2.4$$

$$10) -5.8 + 5.5 \times -2.46$$

Proficient: Evaluate each expression.

$$11) (-0.8 + 1.3) \times 2.7 \div 5$$

$$12) -2.6 - (-2.6 - (-3.5 - 0.7))$$

$$13) (0.3 \times 4.8) \div (-3.4 - -1.8)$$

$$14) (4.6 + 5.9)(1.4 - 2.2)$$

$$15) -0.9(2.4 + 5.3 + 2.2)$$

$$16) (-5.8 + 3.5)^2 - 4.4$$

$$17) -2.6(1.9 + 2.1) - -1.6$$

$$18) -2.59 - 3.8 + (-4.7)^2$$

$$19) (-2.5 - 1.7)^2 - -1.9$$

$$20) (5.8 - (3.7 - 2.3)) \times 1.5$$

Extending: Evaluate each expression.

$$21) -1.3 - 2.1 - (-0.2 \times 3.9) \div -0.6$$

$$22) 5.9 - 5.9 - 1.2^2 + 0.4$$

$$23) (0.6(-1 - 5.78 - -5.5)) \div -3.2$$

$$24) 3.8 \times 3.1 - 5.2 + 3.4 - -1.2$$

$$25) 1.7 - (1.9 + 3.41 - 0.9) + 3.5$$

$$26) 4.6(-3.6 + 6) - 2.9 - (-3.2 - 2.8)$$

$$27) 1.6 + (4.2 - -4.8)(2.5 - 2.2) - -2.6$$

$$28) (-1.7 - 1.2) \times 2.4 - (-3.06 + -2.11 - -4.1)$$

$$29) 0.3^2 + 0.5 - 5.7 + 1.1 - 3$$

$$30) 6 \div 1.5 + 3.1 + (-0.7 - 5.9) \div 4.4$$