

Name _____

Date _____

The Order of Operations

1. Evaluate this expression: $39 \div (2 + 1) - 2 \times (4 + 1)$.

2. Evaluate this expression: $12 \times (3 + 2^2) \div 2 - 10$.

3. Evaluate this expression: $12 \times (3 + 2)^2 \div 2 - 10$.

Evaluate each expression.

1. $3 \times 5 + 2 \times 8 + 2$

2. $(\$1.75 + 2 \times \$0.25 + 5 \times \$0.05) \times 24$

3. $(2 \times 6) + (8 \times 4) + 1$

4. $((8 \times 1.95) + (3 \times 2.95) + 10.95) \times 1.06$

5. $((12 \div 3)^2 - (18 \div 3^2)) \times (4 \div 2)$

1. Evaluate this expression: $39 \div (2 + 1) - 2 \times (4 + 1)$.

$$39 \div 3 - 2 \times 5$$

$$13 - 10$$

$$3$$

2. Evaluate this expression: $12 \times (3 + 2^2) \div 2 - 10$.

$$12 \times (3 + 4) \div 2 - 10$$

$$12 \times 7 \div 2 - 10$$

$$84 \div 2 - 10$$

$$42 - 10$$

$$32$$

3. Evaluate this expression: $12 \times (3 + 2)^2 \div 2 - 10$.

$$12 \times 5^2 \div 2 - 10$$

$$12 \times 25 \div 2 - 10$$

$$300 \div 2 - 10$$

$$150 - 10$$

$$140$$

Evaluate each expression.

1. $3 \times 5 + 2 \times 8 + 2$

$$15 + 16 + 2$$

$$33$$

2. $(\$1.75 + 2 \times \$0.25 + 5 \times \$0.05) \times 24$

$$(\$1.75 + \$0.50 + \$0.25) \times 24$$

$$\$2.50 \times 24$$

$$\$60.00$$

3. $(2 \times 6) + (8 \times 4) + 1$

$$12 + 32 + 1$$

$$45$$

4. $((8 \times 1.95) + (3 \times 2.95) + 10.95) \times 1.06$

$$(15.6 + 8.85 + 10.95) \times 1.06$$

$$35.4 \times 1.06$$

$$37.524$$

5. $((12 \div 3)^2 - (18 \div 3^2)) \times (4 \div 2)$

$$(4^2 - (18 \div 9)) \times (4 \div 2)$$

$$(16 - 2) \times 2$$

$$14 \times 2$$

$$28$$