

Name \_\_\_\_\_

Subject/Objective: I will be able to use the Order of Operations to evaluate expressions

Date: \_\_\_\_\_

example: 28

$$17 - 5^2 \div (2 + 3)$$

$$17 - 5^2 \div 5$$

$$5 \cdot 5$$

$$17 - 25 \div 5$$

$$17 - 5$$

$$\boxed{12}$$

$$27 \div 3^2 \cdot 2 - 3$$

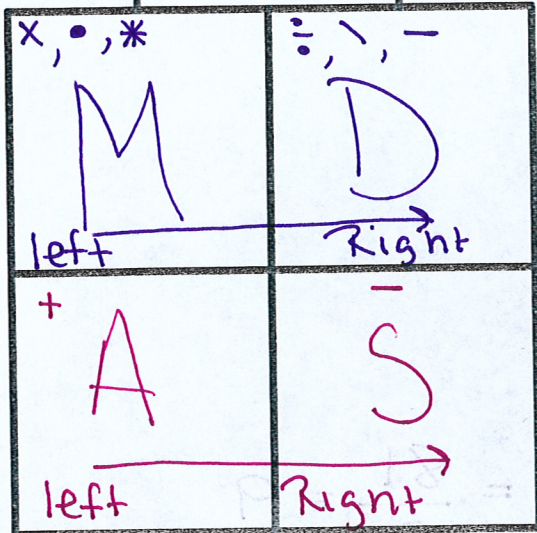
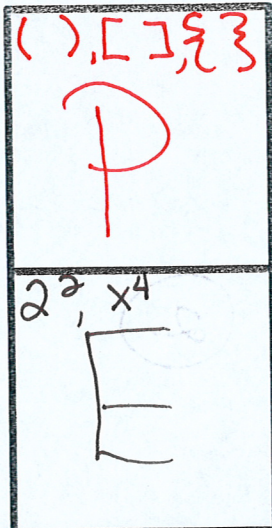
$$3^3$$

$$27 \div 9 \cdot 2 - 3$$

$$3 \cdot 2 - 3$$

$$6 - 3$$

$$\boxed{3}$$



$$2 \cdot 2 \cdot 2 =$$

$$\text{Ex1.) } 2 \cdot 3^2 + 4$$

$$2 \cdot 9 + 4$$

$$18 + 4$$

$$22$$

$$\text{Ex2.) } 32 \div 2^3 + 6$$

$$32 \div 8 + 6$$

$$4 + 6$$

$$10$$

$$\text{Ex3.) } \frac{9x}{3(x+2)} \text{ when } x=4$$

$$\frac{9(4)}{3(4+2)} = \frac{36}{3 \cdot 6} = \frac{36}{18} = 2$$

$$\text{Ex4.)}$$

$$\text{Ex5.) } \frac{10y+1}{y+1} \text{ when } y=8$$

$$\frac{10 \cdot 8 + 1}{8 + 1} = \frac{80 + 1}{9} = \frac{81}{9} = 9$$

$$\text{Ex6.)}$$