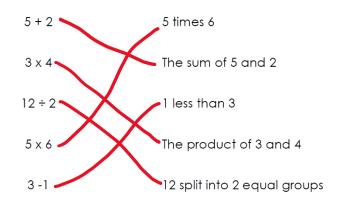
- 1) Identify the operation indicated by each key term.
 - 1. Sum: Addition
 - 2. Difference: Subtraction
 - 3. Product: multiply
 - 4. Quotient: divide
 - δ . Less than: <u>Subtraction</u> igspace
 - 6. Greater than: Addition
 - Times: Muliply
- 2) Match each expression to the correct word phrase



- What is the first step in evaluating the expression $5 (4 + 2)^2$?
 - \bigcirc 6²
- © 5 x 4
- (B) 4 + 2
- D 2²

PEMDAS

- 4) Silvio made 35 cupcakes. He also made *m* muffins. Which expression represents how many more muffins Silvio made than cupcakes?
 - A m-35
- © 35m
- (B) 35 + m
- ① 35 ÷ m
- 5) Select **all** the expressions that are equivalent to 6 x 6 x 6 x 6 x 6
 - $6^3 \times 6^2$
 - 63 x 62 (6 ×6
 - 6 ×6 ×6) × (6 ×6)
 - B **¾**⁶
 6⁵
 - 63
 - \bullet 6¹ x 6⁴
- 6 × (6 × 6 × 6 × 6)
- **E X**³ x **∑**⁸

7) Simplify the expression: (SHOW WORK)

$$(3+2)^2+3\cdot 7$$

 $(5)^2+3\cdot 7$
 $25+3\cdot 7$

8) Identify the coefficients in the algebraic expression below:

$$\frac{4w-x+10}{4}$$
 and -1

9) What are the different parts of the expression 8x + 9y - 17?

Write each part of the expression in the correct place in the table.

Constant	Variables	Coefficients
-17	x, y	8,9

- 10) Ellen is 2 years older than her brother Luke. Let k represent Luke's age.
 Which expression represents Ellen's age?
 - 2+k k+2
- 12) Paulo and Marie are collecting quarters. The number of quarters Paulo has is 3 times the quantity, with 5 fewer, than the number of quarters Marie has. Let m be the number of quarters Marie has. What expression represents the number of quarters Paulo has?
 - 3m-5
- 14) Joan has 3 fewer dogs than rabbits. Let *r* be the number of rabbits Joan has.

Select all the expressions that represent the total number of animals Joan has.

$$\mathbb{C}$$
 $r-3$

$$(C)$$
 $r-3$

$$2r - 3$$

$$r + (r-3)$$

16) Part A

A taxi service charges \$6.50 to pick someone up, and then \$0.80 per mile for a trip.

Write an expression that can be used to find the cost of a taxi ride for any number of miles, m.

Part B

What is the cost of a taxi ride that is 5 miles long? (SHOW WORK)

11) The product of two different numbers is 132. If one of the numbers is *x*, what expression represents the value of the other number?

$$\boxed{2} = 132$$

$$\boxed{132}$$

$$\boxed{32 \div 2}$$

13) There are red and blue marbles in a bowl. There are twice as many blue marbles as red marbles. What expression represents the number of blue marbles?

15) Kyle starts with \$15.00 and saves \$3.50 each day. What expression represents the total amount Kyle saves?

$$15 + 3.5d$$