

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

## Computation Expressions

An **expression** is a mathematical phrase combining numbers called **constants** and/or **variables**, which are the letters. There are no equal signs.

### For example

$$\begin{array}{ccc} & a + 5 & \\ \text{variable} & & \text{constant} \end{array}$$

### Meaning of Expressions

$4b$  means  $4 \times b$

$\frac{18}{c}$

means 18 divided by  $c$

### Examples

|       |       |       |
|-------|-------|-------|
| $a=9$ | $b=5$ | $c=6$ |
|-------|-------|-------|

- $a + 7$  Since  $a$  is 9 then the problem is  $9 + 7$  which is 16
- $bc$  This would mean  $b \times c$ . Since  $b$  is 5 and  $c$  is 6, then the problem is  $5 \times 6$  which is 30.
- $\frac{40}{b}$  This would mean 40 divided by  $b$ , which would be  $40 \div 5$  which is 8

Try these

Evaluate the following expressions for:

|        |       |        |
|--------|-------|--------|
| $a=12$ | $b=2$ | $c=22$ |
|--------|-------|--------|

1.  $a + b + c$  \_\_\_\_\_

2.  $10b$  \_\_\_\_\_

3.  $\frac{c}{b}$  \_\_\_\_\_

4.  $c - a$  \_\_\_\_\_

5.  $\frac{6b}{a}$  \_\_\_\_\_