Algebraic expression –

Variables –

Term –

Factors –

Product –

Label the following diagram:

 $x^{n}$ \*The whole thing is called a \_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Ex1: Write a verbal expression for each algebraic expression.

a) $3x^{4}$ b) $5z^{2}+16$ 1a) $16u^{2}-3$

**Key words to remember:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Add** | **Subtract** | **Multiply** | **Divide** |
|  | \* |  |  |

Ex2: Write an algebraic expression for each verbal expression.

a) a number *t* more than 6 b) 10 less than the product of 7 and *f* c) two thirds of the volume *v*

2a) the product of *p* and 6 2b) one third of the area *a*

Ex3: Mr. Martinez orders 250 key chains printed with his athletic team’s logo and 500 pencils printed with their website. Write an algebraic expression that represents the cost of the order.

Ex3: Katie estimates that $\frac{1}{8}$ of the people who order beverages also order pastries. Write an algebraic expression to represent this situation.