Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Table #: \_\_\_\_\_\_\_\_Period: \_\_\_\_\_\_ Date: \_\_\_\_\_\_

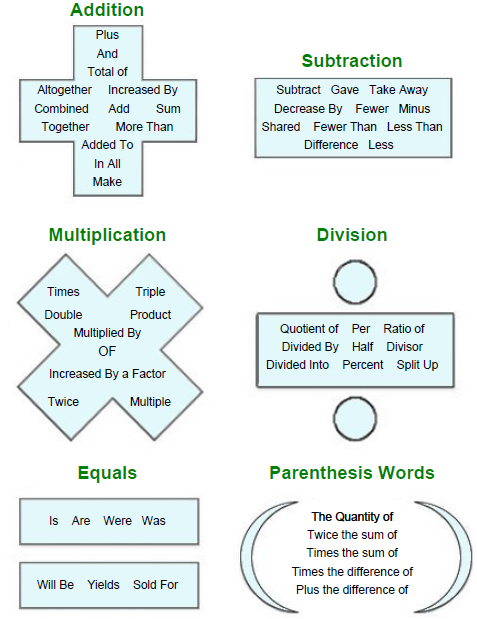
**3.1B Translating Algebraic Expressions\_Classwork**

*Objective: apply properties of operations to simplify algebraic expressions; solve real-life problem.*

*CC.SS.7.EE.1 and CC.SS.EE.2*

**DIRECTIONS:** t*ranslating each of the following into an expression.*

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Algebraic Expression** | **Verbal Expression** | **Coefficient** |
| 1 | x – 5 |  |  |
| 2 |  | 5 more than twice x |  |
| 3 | 5 + 3x |  |  |
| 4 |  | The difference of -17 and 5 times a number |  |
| 5 | 5x2 |  |  |
| 6 |  | 5 less than x |  |
| 7 | x2 – 2 |  |  |
| 8 |  | The sum of x and twice y |  |
| 9 | 3 – 5x |  |  |
| 10 |  | The product of -5 and x squared |  |
| 11 | 5 + 2x |  |  |
| 12 |  | 3 decreased by the product of 5 and x |  |
| 13 | 5x2 – 2 |  |  |
| 14 |  | The sum of x to the second power and 3 times y |  |
| 15 | 3x2 – y |  |  |
| 16 | x + 5 |  |  |
| 17 |  | 2 less than x to the second power |  |
| 18 | x2 + 3y |  |  |
| 19 |  | The product of 5 and x |  |
| 20 |  | 5 increased by 3 times a number |  |
| 21 | x + 2y |  |  |
| 22 | 5x |  |  |
| 23 |  | The quotient of a number and 5 |  |



Homework: worksheet- 3.1B HW

