**TEC practice Part 2 (MATH 7 PLUS)**  **Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

* **Translate each word phrase into a mathematical expression**

1. the number of months in y years \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. the sum of k and g plus the quotient of g and 3 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. x less than 2 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* **Simplify each expression**

1. 6x + 2 - 6x - 4 + 3x
2. abc - c2 for a = -2, b = 4, c = -3
3. + 3(5 - 3) - 9
4. 4
5. -4(3x - 4) - (3x + 5)
6. 8 + 5(x2 + 3) - 12x2
7. t2 + r for t = -2 and r = -5