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

**CC Algebra Classwork/Homework Translating Expressions**

|  |  |
| --- | --- |
| **Directions:** Simplify each expression by distributing and combining like terms | |
| 1. -7(w – 4) + 3w – 27 | **5.** 6(x + 1) – 5(x + 2) |
| **2.** -4(x + 8) – (x – 7) | **6.** 8(x + 5) – 4x |
| **3.** -9(n + 2) + 4(n – 6) | **7.** 8(x – 6) + 2 |
| **4.** 21 – 8(v + 3) + 3 + 7v | **8.** |

**Directions:** Translate each sentence into an algebraic expression.

**9.** “The product of a number and 3”

**10.** “The difference of a number and 10”

**11.** The quotient of a number and -5”

**12.** “Four subtracted from a number”

**13.** “The sum of twice a number and 7”

**14.** “The product of a number and 10,

increased by 1”

**15.** “Four less than a number squared”

**16. “**Twice a number divided by 5”