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

**Worksheet 10**

1. Name the four Addition of Integer Algorithms.

a.

b.

c.

d.

2. Use the Chip Model to add or subtract and show your work:

Add (-5) + 7 = \_\_\_\_\_\_\_\_\_\_

3. Use the Chip Model to add or subtract and show your work:

Subtract 5 – 7=\_\_\_\_\_\_\_\_\_\_

4. What is the definition of absolute value.

5. Use the Commutative Property of Addition to rewrite the following statement:

8 + 9 =\_\_\_\_\_\_\_\_\_\_

6. Use the Associative Property of Addition to rewrite the sum of the following statement:

(2 + 7) + 3 =\_\_\_\_\_\_\_\_\_\_

7. Which property of Addition is represented by the following statement:

9 + 0 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

8. What is the additive inverse of the following numbers:

a. (-4) \_\_\_\_\_\_\_\_\_\_

b. 8 \_\_\_\_\_\_\_\_\_\_

**Add or Subtract the following without using a calculator. Show your work using the stated addition or subtraction algorithm.**

9. (-5) – (-9) =\_\_\_\_\_\_\_\_\_ (Use the Charged Field Model)

10. 6 + (-3) = \_\_\_\_\_\_\_\_\_\_ (Use the Number Line Model)

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-3 -2 -1 0 1 2 3 4 5 6 7 8

11. 6 – 9 = \_\_\_\_\_\_\_\_\_\_ (Use the Chip Model)

12. (3) + (-4) = \_\_\_\_\_\_\_\_\_\_ (Use the Pattern Model)

13. 12 – (-3) = \_\_\_\_\_\_\_\_\_\_ (Use the Missing Addend Model)