INDEPENDENT PRACTICE

Lesson 12 – Integers Day 1

Circle the larger integer.

-3 or 10 4 or -1 3 or -2 -6 or -7

Circle the smaller integer.

-9 or 9 -7 or -11 10 or -1 1 or 3

Add using Algebra tiles.

4 + 6 -8 + (-3) -3 + 4

-1 + (-7) 9 + (-3) -5 + 3

Solve using shortcut. Check your shortcut answer using algebra tiles.

-3 + (-6) 1 + (-5) 4 + (-4) -2 + (-4)

Subtract using Algebra tiles.

-5 – (-4) -3 - 7 7 – (-2)

6 – 8 -6 - (-3) -9 – 2

Solve using shortcut. Check your shortcut answer using algebra tiles.

4 – 7 -2 – (-6) 8- (-3) 2-5

Applications

1. Carrie was keeping an eye on her patient’s fluctuating temperature. At 3:00, the temperature was 103 F. Over the next two hours, it dropped 3 degrees, rose back up 2 degrees, lowered .8 degrees, and then lowered another 2 degrees. What was the patient’s temperature at 5:00?

2. Sally had $276 in her bank account, but wrote a check for $302 dollars. If there is no fee charged to her account, what will her new account balance be?

3. One of Kyla’s duties is to check the temperatures of the refrigerators and freezers in the hospital kitchen. The main freezer was -20 degrees F at the beginning of the day, but rose to

-12 at the end of the shift. What was the temperature difference?