**Calculator and Grid – In Response Challenge – Day #1**

1. A recipe requires ¼ lb of onions to make 3 servings of soup. Mark has 1 ½ lb of onions. How many servings can Mark make?
2. A rectangular room has an area of 131 ¼ square feet. The length of the room is 12 ½ feet. What is the width, in feet, of the room?
3. Allen is building birdhouses that require ½ ft. long boards. How many pieces that are exactly ½ ft long can be made from a board that is 8 ¼ ft long?
4. How much money should John get back when he uses $10.00 to pay for purchases totaling $5.25? Express the answer as dollars.cents.
5. What is the product of 2.52 and 3.4?
6. At a store, Susan selected a pumpkin that weighted 35.2 ounces.
   * Pumpkins cost $1.80 per pound
   * There are 16 ounces in 1 pound

How much did Susan’s pumpkin cost? Express the answer as dollars.cents.

1. What is the greatest whole number that is less than (5/2)3 divided by (3/4)2?
2. What is the value of 1/3 x2 + 2, when x = 3?
3. Heather earns $8.00 per hour for walking a dog. How many hours must she work to earn $256.00?
4. Change 3 2/3 to an improper fraction.
5. Change 3% to a decimal.
6. Find the GCF of 39 and 51.