**SBA REVIEW #1 – NO CALULATORS**

1. Devonte added 3.5 inches of pebbles to his garden. Mackenzie did not like the color of the pebbles and removed $3\frac{1}{2}$ inches of pebbles from the top of the beds. What was the overall change in depth of the pebbles?

2. Sierra owes her mother $34.00 for a pair of new jeans she just purchased. Sierra has $50.00 in her piggy bank at home. Write and solve an expression that shows how much money Sierra has left after repaying her mother?

3. Ben was making a pizza by adding the following toppings; $\frac{1}{3}$ pepperoni, $\frac{1}{2}$ anchovies, $\frac{3}{4}$ bacon, and $\frac{5}{6}$ onions. At the last minute, he decided to remove all of the bacon. Write and solve an equation to represent the total amount of toppings Ben used on his pizza.

4. Kelly added $2\frac{2}{5}$ cups of walnuts to her salad. She then decided she wanted raisins instead. How many cups of walnuts will she need to remove so the bowl is completely empty of walnuts? Express your answer as a decimal.

5. You put your extra coins in your piggy bank each day. You also take coins out

 as you need them. On Monday you currently have $45.50 in your bank. Below is a chart which shows this past week’s change in the amount of money in your piggy bank. How much did the amount of money in your piggy bank change from Monday

 to Friday? Show all work.

|  |  |
| --- | --- |
| Monday | You deposited $2.45 |
| Tuesday | You withdrew $5.50 |
| Wednesday | You withdrew $2.75 |
| Thursday | You deposited $3.75 |
| Friday | You deposited $2.05 |

6. When Sarah woke up at 6:30 am, the outside thermometer read $-3℉$. By the time she left for school the temperature had risen 6 degrees.

**Part A:** The expression -3 + 6 represents the above situation. Use the number line below to represent the expression.

 -10 -9 -8 -7 -6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 7 8 9 10

**Part B:** If the temperature when Sarah left for school had instead decreased, how would the number line representation change given the expression was changed to -3 + (-6)?

7. Match the following expressions to the correct problem.

 A. B. C. D.

$8+(-3)$ $-8+(-3)$ $-8+3$ $8+3$

1. Ry bought an $8 toothbrush for her giraffe, but had a $3 coupon. \_\_\_\_\_\_

2. Ella made 3 doodles on her test and 8 more on her warm ups. \_\_\_\_\_\_

3. Maurice spent $3 on candy and earned $8 for doing chores. \_\_\_\_\_\_

4. Lily lost 8 pencils on Monday and lost another 3 on Tuesday. \_\_\_\_\_\_

Want extra practice for speed? Try going to: <http://www.mathplayground.com/ASB_OrbitIntegers.html>