Name_____

You MUST show your work to receive credit!! Remember to write complete sentences for word problems!

1. One box of clips weighs $4\frac{2}{3}$ ounces. Another box weighs $5\frac{3}{8}$ ounces. What is the total weight of the two boxes?	2. Divide. Write your answer in simplest form. $$3\frac{2}{3} \div 8$$	3. An airplane starts in San Francisco and flies 2,571 miles to New York. It then flies 713 miles back to Chicago. How much farther must it fly to end up in San Francisco?	4. Add. Write your answer in simplest form. $$3\frac{1}{2} + 2\frac{1}{7}$$
5. Multiply. Write your answer in simplest form. $$2\frac{1}{4} \times 6$$	6. Divers discovered a shipwreck lying 73 feet below sea level. The crane they rented to hoist up pieces of the wreck stood 102 feet above sea level at its tallest point. What is the distance between the wreck and the top of the crane?	7. Subtract. Write your answer in simplest form. $$6\frac{1}{3} - 2\frac{1}{4}$$	8. Kate has a piece of material that is $3\frac{3}{4}$ yards long. She needs 5 pieces of equal length. How long will each piece be if she uses all the material?

Look on the back for your writing portion!!!

Constructed Response

For a bake sale, Alex used the remaining $9\frac{3}{4}$ cups of flour in one bag and $2\frac{3}{4}$ cups of flour from another bag to make as many muffins as possible.

- The recipe he used requires $2\frac{1}{2}$ cups of flour for each batch of 12 muffins.
- Alex sold the muffins for $0.75 each.

Part A
How many cups of flour did Alex use in all? Show your work and write your answer in a complete sentence.

Part B
How many batches of muffins could Alex make with the amount of flour he used? Show your work and write your answer in a complete sentence.

Part C
If Alex sold $4\frac{1}{2}$ *batches* of muffins, how much money did he make? Show your work and write your answer in a complete sentence.