Name _____

Another Look!

A scientist used a solution for two experiments. For the first experiment, he used 0.62 milliliter of solution. For the second experiment, he used 0.56 milliliter of solution. How much solution did he use for the two experiments?

You can estimate first to check that your answer is reasonable.

Write the numbers, lining up the decimal points. Include the zeros to show place value.	Add the hundredths and the tenths.
$$\begin{array}{r} 0.62 \\ + 0.56 \end{array}$$	Remember to write the decimal point in your answer. $$\begin{array}{r} \overset{1}{0}.62 \\ + 0.56 \\ \hline 1.18 \end{array}$$ The scientist used 1.18 milliliters of solution.

1. Find $55.25 + 2.987 + 16.3$

$$\begin{array}{r} 5\,5.2\,5 \\ 2.9\,8\,7 \\ +\,1\,6.3 \\ \hline 7\quad.\quad 3 \end{array}$$

For **2** through **9**, find the sum.

2. $$\begin{array}{r} 2.97 \\ + 0.35 \end{array}$$

3. $$\begin{array}{r} 5.62 \\ + 7.99 \end{array}$$

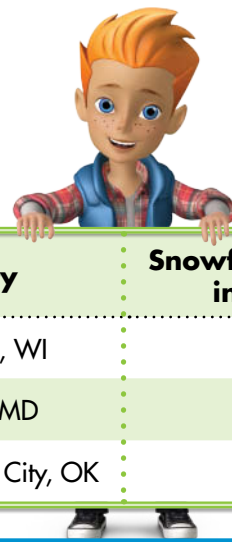**4.** $13.88 + 7.694$

5. $41.5 + 12.619$

6. $39.488 + 26.7$

7. $67.55 + 0.83$

8. $88.8 + 4.277 + 78.95$

9. $2.94 + 45.6 + 58.418$

10. How much combined snowfall was there in Milwaukee and Oklahoma City?

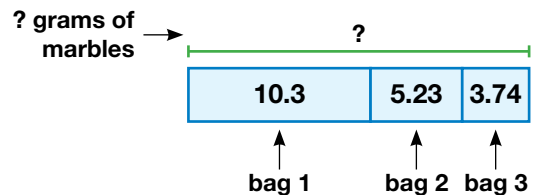**11.** What is the combined snowfall total for all three cities?

	City	Snowfall (inches) in 2000
DATA	Milwaukee, WI	87.8
	Baltimore, MD	27.2
	Oklahoma City, OK	17.3

In science class, students weighed different amounts of clay. Carmen weighed 4.361 ounces, Kim weighed 2.704 ounces, Simon weighed 5.295 ounces, and Angelica weighed 8.537 ounces.

12. How many ounces of clay did Carmen and Angelica have combined?

13. How many ounces of clay did Kim and Simon have combined?

14. Use a Strip Diagram Carmen has 3 bags of marbles. They have masses of 10.3 grams, 5.23 grams, and 3.74 grams. What is the total mass of all the marbles?

? grams of marbles →

?

| 10.3 | 5.23 | 3.74 |

bag 1   bag 2 bag 3

15. Check for Reasonableness Reilly adds 45.3 and 3.21. Should his sum be greater than or less than 48? Tell how you know.

16. Janice caught three trout when she went fishing. One trout weighed 1.38 pounds, the second trout weighed 2.01 pounds, and the third trout weighed 1.2 pounds. How much is the total weight of the fish?

A 4.5 pounds
B 4.59 pounds
C 4.68 pounds
D 4.7 pounds

17. Explain Why is it important to line up decimal numbers by their place value when you add or subtract them?

18. Extend Your Thinking Patrick has a 600-meter skein of yarn. He used 248.9 meters of yarn to make a hat. Does he have enough yarn left to make a scarf that uses 354.03 meters of yarn? Explain.