

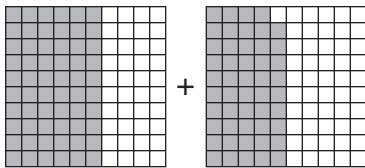
Adding Decimals

In February, Chantell ran a 5K race in 0.6 hour. She ran another 5K race in May in 0.49 hour. What was her combined time for the two races?

Step 1: Write the numbers, lining up the decimal points. Include the zeros to show place value.

$$\begin{array}{r} 0.60 \\ + 0.49 \\ \hline \end{array}$$

You can use decimal squares to represent this addition problem.



Step 2: Add the hundredths.

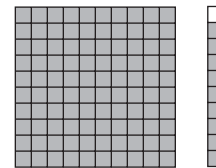
$$\begin{array}{r} 0.60 \\ + 0.49 \\ \hline 9 \end{array}$$



Step 3: Add the tenths.

Remember to write the decimal point in your answer.

$$\begin{array}{r} 1 \\ 0.60 \\ + 0.49 \\ \hline 1.09 \end{array}$$



Chantell's combined time for the two races was 1.09 hours.

Add.

1. $2.97 + 0.35 =$ _____
2. $13.88 + 7.694 =$ _____
3. $39.488 + 26.7 =$ _____
4. $88.8 + 4.277 + 78.95 =$ _____
5. Is 16.7 a reasonable sum for $7.5 + 9.2$? Explain.

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

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

Name _____

Adding Decimals

Add.

1.
$$\begin{array}{r} 58.0 \\ + 3.6 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 40.5 \\ + 22.3 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 34.587 \\ + 21.098 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 43.1000 \\ + 8.4388 \\ \hline \end{array}$$

5. $16.036 + 7.009 =$ _____

6. $92.30 + 0.32 =$ _____

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

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

8. How many grams of tin did Carmen and Angelica have combined?

9. How many grams of tin did Kim and Simon have combined?

10. In December the snowfall was 0.03 in. and in January it was 2.1 in. Which was the total snowfall?

A 3.2 in.

B 2.40 in.

C 2.13 in.

D 0.03 in.

11. **Writing to Explain** Explain why it is important to line up decimal numbers by their place value when you add or subtract them.
