

1. The **place value** of a digit is based on its position. When adding, you combine digits that have the same place value.

In the number 27.54, which digit is in the tens place? _____

Which digit is in the tenths place? _____

2. A **decimal point** is used to separate the whole number place values from the decimal place values. The decimal point is read as "and."

Write the number twenty-two and seven tenths in standard form.

3. Add $3.4 + 6.2$.

$$\begin{array}{r} 3.4 \\ + 6.2 \\ \hline \square.\square \end{array}$$

Step 1: Align the decimal points.

Step 2: Add the tenths.

Step 3: Add the ones.

4. Add $16.4 + 53.38$.

$$\begin{array}{r} 16.4\square \\ + 53.38 \\ \hline \square\square.\square\square \end{array}$$

Step 1: Align the decimal points.

Step 2: Write a zero as a place-holder. Add the hundredths.

Step 3: Add the tenths.

Step 4: Add the ones. Add the tens.

5. Add $56.64 + 15.67$.

$$\begin{array}{r} \square\square\square \\ 56.64 \\ + 15.67 \\ \hline \square\square.\square\square \end{array}$$

Step 1: Align the decimal points.

Step 2: Add the hundredths. Regroup if needed.

Step 3: Add the tenths. Regroup if needed.

Step 4: Add the ones. Regroup if needed.

Step 5: Add the tens. Regroup if needed.

On the Back!

6. Add $31.6 + 49.9$.