

Name: _____ Teacher: _____ School: _____

Grade 2: Lesson 17 Using Expanded Form to Add 3-Digit Numbers

1. Break apart the addends to find the sum.

$$\begin{array}{r} 518 \rightarrow \underline{\quad} + \underline{\quad} + \underline{\quad} \\ + 221 \rightarrow \underline{\quad} + \underline{\quad} + \underline{\quad} \\ \hline \end{array}$$
$$\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

2. Break apart the addends to find the sum.

$$\begin{array}{r} 435 \rightarrow \underline{\quad} + \underline{\quad} + \underline{\quad} \\ + 142 \rightarrow \underline{\quad} + \underline{\quad} + \underline{\quad} \\ \hline \end{array}$$
$$\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

3. Break apart the addends to find the sum.

There are 125 crayons in a bucket. A teacher puts 144 more crayons in the bucket. How many are in the bucket now?

$$\begin{array}{r} \underline{\quad} \underline{\quad} \underline{\quad} \rightarrow \underline{\quad} + \underline{\quad} + \underline{\quad} \\ + \underline{\quad} \underline{\quad} \underline{\quad} \rightarrow \underline{\quad} + \underline{\quad} + \underline{\quad} \\ \hline \end{array}$$
$$\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

4. Break apart the addends to find the sum.

There are 377 catfish in the pond. A farmer adds 212 more fish. How many fish are in the pond now?

$$\begin{array}{r} \underline{\quad} \underline{\quad} \underline{\quad} \rightarrow \underline{\quad} + \underline{\quad} + \underline{\quad} \\ + \underline{\quad} \underline{\quad} \underline{\quad} \rightarrow \underline{\quad} + \underline{\quad} + \underline{\quad} \\ \hline \end{array}$$
$$\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

5. Break apart the addends to find the sum.

The zoo has 124 penguins and 253 flamingos. How many birds are on exhibit at the zoo?

$$\begin{array}{r} \underline{\quad} \underline{\quad} \underline{\quad} \rightarrow \underline{\quad} + \underline{\quad} + \underline{\quad} \\ + \underline{\quad} \underline{\quad} \underline{\quad} \rightarrow \underline{\quad} + \underline{\quad} + \underline{\quad} \\ \hline \end{array}$$
$$\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

6. Break apart the addends to find the sum.

A nursery has 516 tulips. They received a shipment of 283 sunflowers. How many tulips and sunflowers are there?

$$\begin{array}{r} \underline{\quad} \underline{\quad} \underline{\quad} \rightarrow \underline{\quad} + \underline{\quad} + \underline{\quad} \\ + \underline{\quad} \underline{\quad} \underline{\quad} \rightarrow \underline{\quad} + \underline{\quad} + \underline{\quad} \\ \hline \end{array}$$
$$\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$