

Practice Addition Strategies with Three-Digit Numbers

Study the Example showing one way to add three-digit numbers. Then solve problems 1–6.

EXAMPLE

At Elm School, 176 students are in the first grade, and 139 students are in the second grade. How many students are in both grades?

Find $176 + 139$.

You can break apart the addends.

$$\begin{array}{r}
 176 \rightarrow 100 + 70 + 6 \\
 + 139 \rightarrow 100 + 30 + 9 \\
 \hline
 200 + 100 + 15 = 300 + 15 = 315
 \end{array}$$

So, there are 315 students in both grades.

**Luis saves \$285. Then he saves \$152 more.
How much money does Luis save?**

- 1 Break apart the numbers. Find the total.

$$\begin{array}{r}
 285 \rightarrow 200 + \boxed{} + \boxed{} \\
 + 152 \rightarrow 100 + \boxed{} + \boxed{} \\
 \hline
 \boxed{} + 130 + \boxed{}
 \end{array}$$

- 2 $130 = \dots\dots\dots$ hundred + $\dots\dots\dots$ tens
- 3 How much money does Luis save? \$ $\dots\dots\dots$



- 4 On Monday, Kim's family starts driving on their vacation. On Tuesday, they drive 258 miles. Kim's family drives 484 miles during both days. How many miles do they drive on Monday? Show your work.

Solution

- 5 Use two different ways to solve this equation. Show your work.

$$247 + ? = 673$$

Solution

- 6 What is $518 + 384$?
- (A) 902 (B) 892 (C) 872 (D) 802