

Use a Ten to Add within 1,000

Let's add 3-digit numbers by composing a ten.

Warm-up

Number Talk: Numbers That Make 10

Find the value of each expression mentally.

- $28 + 2$

- $28 + 12$

- $67 + 3$

- $67 + 23$

Activity 1

Add 2-Digit and 3-Digit Numbers

1. Find the value of each sum.

Set 1

$245 + 15$

$247 + 23$

$249 + 31$

Set 2

$134 + 26$

$133 + 37$

$138 + 42$

Set 3

$351 + 19$

$356 + 24$

$355 + 35$

2. What patterns do you notice?

Activity 2

Card Sort: Perfect Ten

Your teacher will give you a set of cards.

1. Match each 3-digit number to a 2-digit number. When you add your numbers together, they should make a ten, with no extra ones. Be ready to explain your reasoning.
2. Pick 1 pair of numbers. Find the value of their sum. Show your thinking, using drawings, numbers, or words.