Making ten to add and take away

How can a ten help you add or take away past ten?

WORDS TO KNOW

Make ten: fill a ten frame, then add the rest.

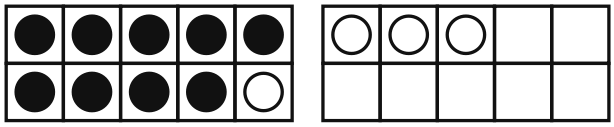
Split: break a number into two parts, like 5 into 2 and 3.

KEY IDEAS

1. Fill the ten first

Look at the bigger number. How many more does it need to make 10? Take that many from the other number. Then add what is left to 10.

Fill the ten. A ten and some more is a teen number.



2. Stop at ten to take away

First take away just enough to land on 10. Then take away the rest from 10.

Take away down to 10. Then take away the rest.

WATCH OUT

- **The two parts must make the number you split.** Five is 2 and 3, not 2 and 4.
- **Fill the number closer to ten.** It needs only a few more.

WORKED EXAMPLES

Example 1. 8 birds sit on a fence. 9 more come. How many birds now?

1. 9 is closer to 10. It needs 1 more.
2. Split 8 into 1 and 7. 9 and 1 make 10.
3. 10 and 7 more make 17.

Answer: 17 birds. **Check:** 8 + 8 = 16, and one more is 17.

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