

## Lesson 7: Does it Make a New Ten?

- Let's add one-digit and two-digit numbers and write equations.

### Warm-up: Which One Doesn't Belong: Expressions

Which one doesn't belong?

A

$$7 + 9$$

B

$$22 + 5$$

C

$$32 + 8$$

D

$$44 + 8$$

## 7.1: A Ten or Not a Ten?

Jada likes to look for ways to make a new ten when she adds. Would she be able to make a new ten when she adds to find the value of these sums?

If Jada could make a new ten, circle "Yes."

If Jada could not make a new ten, circle "No."

1. Does the expression make a new ten?

$$45 + 5$$

Yes    No



Explain how you know.

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Find the value.

Write equations to show how you found the value of the sum.

2. Does the expression make a new ten?

$$9 + 63$$

Yes    No

Yes or No?



Explain how you know.

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Find the value.

Write equations to show how you found the value of the sum.

3. Does the expression make a new ten?

$$26 + 3$$

Yes    No



Explain how you know.

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Find the value.

Write equations to show how you found the value of the sum.

4. Does the expression make a new ten?

$$8 + 47$$

Yes    No

Yes or No?



Explain how you know.

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Find the value.

Write equations to show how you found the value of the sum.

## 7.2: Missing Numbers

Lin's brother spilled water on her math work!

Figure out what number Lin wrote before it got smudged.

1. Lin wrote a one-digit number with which you *can* make a new ten when you find the value of the sum.

$$32 + \text{[smudged number]}$$

What could Lin's number be?

Write equations to show your thinking.

2. Lin wrote a one-digit number with which you *can not* make a new ten when you find the value of the sum.

$$16 + \text{[smudged number]}$$

What could Lin's number be?

Write equations to show your thinking.

3. Lin wrote a two-digit number with which you *can* make a new ten when you find the value of the sum.

$$8 + \text{☀}$$

What could Lin's number be?  
Write equations to show your thinking.

4. Lin wrote a two-digit number with which you *can not* make a new ten when you find the value of the sum.

$$8 + \text{☀}$$

What could Lin's number be?  
Write equations to show your thinking.

5. How do you know whether or not you can make a new ten when you are finding the value of a sum?

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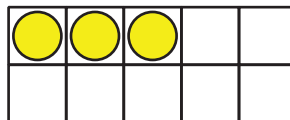
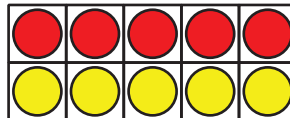
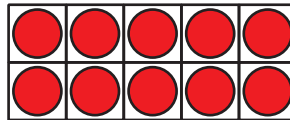
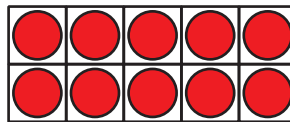
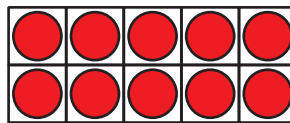
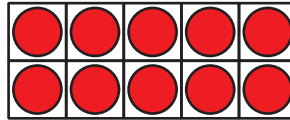
## Section Summary

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We added one-digit numbers and two-digit numbers.

We used different methods to add.

We learned you can think of counting on to make a new ten.

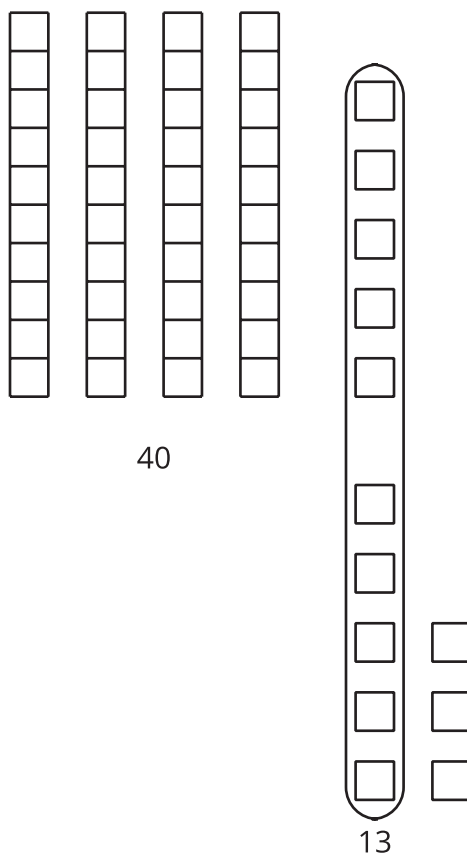


$$45 + 8$$

$$45 + 5 + 3 = \boxed{53}$$



We also saw you can think of adding all the ones and then the tens. Sometimes when you add the ones you might be able to make a new ten.



$$5 + 8 = 13$$

$$40 + 13 = 53$$