Unit 5 Lesson 7: Does it Make a New Ten?

WU Which One Doesn't Belong: Expressions (Warm up)

Student Task Statement

Which one doesn't belong?

A

$$7 + 9$$

B

$$22 + 5$$

C

$$32 + 8$$

D

$$44 + 8$$

1 A Ten or Not a Ten?

Student Task Statement

Jada likes to look for ways to make a new ten when she adds. Would she be able to a 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.

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

Explain how you know.

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.

   Find the value.

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

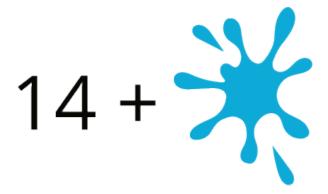4. Does the expression make a new ten?

   $8 + 47$

   Yes   No

   Explain how you know.

   Find the value.

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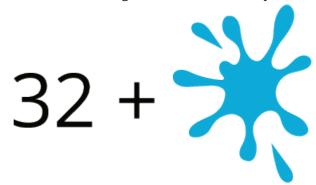
2 Missing Numbers

Images for Launch
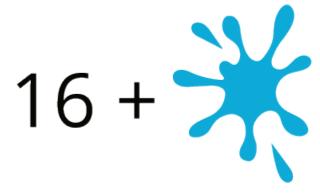
14 +

Student Task Statement

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.
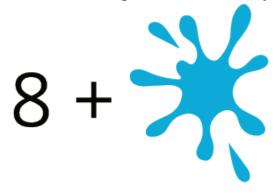
    32 +

    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.
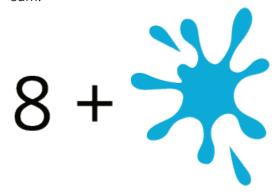
    16 +

    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.

$$8 +$$

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.

$$8 +$$

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?

Activity Synthesis

$$8 +$$