Smart Number Moves

Use turn-around, make-ten, doubles, and related addition to solve within 20.

1.NR.2.7 "Apply properties of operations as strategies to solve addition and subtraction problem situations within 20."

NAME _____ DATE _____

Teacher: this page is run aloud. The script and answers are on the guide page.

1 CIRCLE IT

a

12	13	14

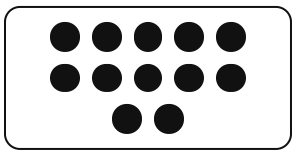
b

12	14	15	13

c

18	17	19

2 WRITE IT



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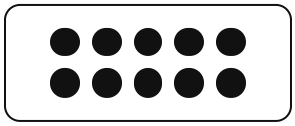

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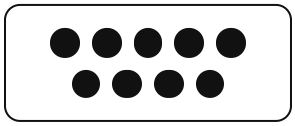

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ANSWER KEY

Smart Number Moves

GRADE 1 · 1.NR.2.7

HOW TO RUN THIS PAGE

Read each problem aloud and invite students to use a number move before they mark an answer. Model the idea with a different example, such as turning 3 plus 4 into 4 plus 3, or thinking 3 plus what number equals 8 when solving 8 take away 3. Listen for students who use a known fact, make a ten, or think of an addition fact for subtraction.

Students never read directions on this sheet. Read each part's script aloud, then each prompt, giving think time before students mark.

PART 1 · CIRCLE IT

SAY "Listen to each number story. You may use a turn-around fact, make a ten, or use a double. Circle the number that answers each question."

ROW	SAY	STUDENTS CIRCLE
a	Six children are in line. Seven more children join them. Six plus seven has the same total as seven plus six. Is the total 12, 13, or 14? Circle the total.	**13**
b	A jar has 8 buttons. Five more buttons go in. Could you make 10 first by joining 8 and part of 5? Is the total 12, 14, 15, or 13? Circle the total.	**13**
c	Nine cubes are in one group and 9 cubes are in another group. This is a double fact. Is the total 18, 17, or 19? Circle the total.	**18**

PART 2 · WRITE IT

SAY "In the first box, 12 counters are on a mat and 5 are taken away. Think, 5 plus what number equals 12? What number is left, and can you write it in the first box? In the second box, 10 counters are on a mat and 6 are taken away. Think, 6 plus what number equals 10? What number is left, and can you write it in the second box? In the third box, 9 counters are on a mat and 4 are taken away. Think, 4 plus what number equals 9? What number is left, and can you write it in the third box?"

- Box 1 (beside 12 dots): **7**
- Box 2 (beside 10 dots): **4**
- Box 3 (beside 9 dots): **5**

WHAT TO ACCEPT

Circle row answers are 13, 13, and 18. Writing-box answers are 7, 4, and 5. Accept correctly formed numerals, including recognizable reversals if the intended numeral is clear.