Switch and Group

Students change the order or grouping of addends to find sums.

1.NOS.C.7 "Apply the Commutative Property of Addition and Associative Property of Addition as a strategy to add."

NAME _____ DATE _____

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

1 SWITCH ORDER

a | 6 | 7 | 8

b | 7 | 9 | 8

2 GROUP FIRST

1	
2	

Switch and Group

HOW TO RUN THIS PAGE

Model 1 plus 2 as 2 plus 1, both make 3. Then model 1 plus 1 plus 2 by adding the last two numbers first to make 3, then 1 more to make 4. Read each task aloud, allow think time, and listen to each child explain the strategy used. Record any support separately.

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

PART 1 · SWITCH ORDER

SAY "When you switch two numbers in addition, the sum stays the same. For each row, say the switched addition aloud, then circle its sum."

ROW	SAY	STUDENTS CIRCLE
a	Start with 4 plus 3. Switch their order and add. Your choices are 6, 7, and 8. Which sum do you get? Circle it.	**7**
b	Start with 2 plus 6. Switch their order and add. Your choices are 7, 9, and 8. Which sum do you get? Circle it.	**8**

PART 2 · GROUP FIRST

SAY "In box 1, start with 2 plus 3 plus 5. In box 2, start with 4 plus 2 plus 3. For each box, add the last two numbers first, tell me their sum, then write the total."

- Box 1 (beside 1): **10**
- Box 2 (beside 2): **9**

WHAT TO ACCEPT

Circle 7, then 8. Box 1 is 10: 3 plus 5 is 8, then 2 plus 8 is 10. Box 2 is 9: 2 plus 3 is 5, then 4 plus 5 is 9. Listen for 3 plus 4 and 6 plus 2 in the first part, and the stated pair sums in the second part.