

Tens Trade Time

Students trade one ten for ten ones and record both ways to make a number.

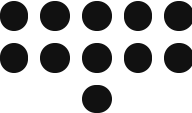
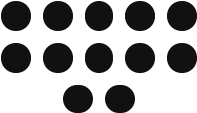
MA.1.NSO.1.3 "Compose and decompose two-digit numbers in multiple ways using tens and ones. Demonstrate each composition or decomposition with objects, drawings and expressions or equations."

NAME _____

DATE _____

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

1 TRADE TENS _____

a			
b			

2 SHOW IT _____

22	
22	

HOW TO RUN THIS PAGE

Give each student 22 paper clips. Students make groups of ten, then trade one group of ten for single ones. Their circled dot groups and equations show that the same two-digit number can be made in more than one way.

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

PART 1 • TRADE TENS

SAY “Use your paper clips as ones. Listen to each row, build the groups of ten and single ones, then circle the dots that answer the question.”

ROW	SAY	STUDENTS CIRCLE
a	Can you put 22 paper clips into groups of ten with single ones left over? Which dots show how many single ones are left?	2 dots
b	Can you move one group of ten apart so those paper clips are single ones, while keeping the other group of ten? Which dots show how many single ones are outside the group of ten now?	12 dots

PART 2 • SHOW IT

SAY “Can you build 22 paper clips in groups of ten with ones left over? In the first box, can you write an equation with + and = to show your total? Can you trade one group of ten for single ones and write a new equation in the second box?”

- Box 1 (beside 22): **$20+2=22$**
- Box 2 (beside 22): **$10+12=22$**

WHAT TO ACCEPT

For the first box, accept $20+2=22$, $2+20=22$, or an equivalent equation showing 2 tens and 2 ones. For the second box, accept $10+12=22$, $12+10=22$, or an equivalent equation showing 1 ten and 12 ones.