

Introducing Arrays

NCTM Standards 1, 2, 6, 7, 8, 9, 10

Use counting shortcuts to find the number of squares in each array.

1



2



3



4



5



6



7



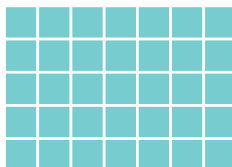
8



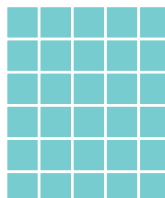
9



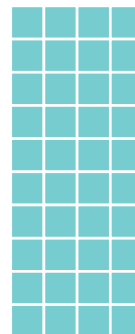
10



11



12

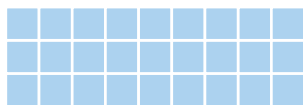


- 13 Mrs. Wu arranged the desks of her classroom into 4 rows of 7 desks. How many desks are there in her classroom? Show how you solved the problem with words, pictures, or numbers.

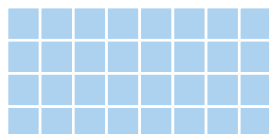
_____ desks

- 14 Use counting shortcuts to find the number of squares in each array.

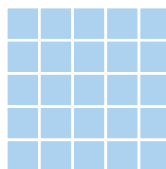
A



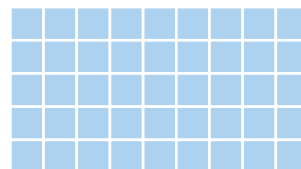
B



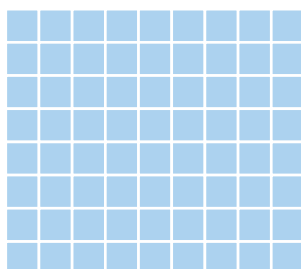
C



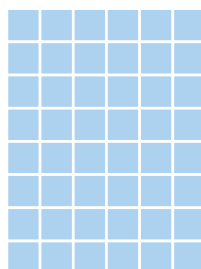
D



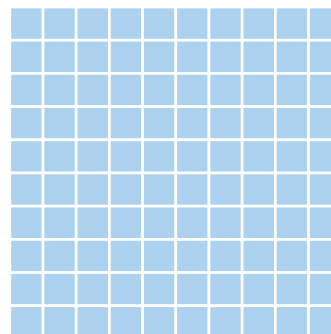
E



F



G



- 15 **Challenge** Write the letter of each of the above arrays A through G in the appropriate white box in the table. You will write some letters twice.

×	1	2	3	4	5	6	7	8	9	10
1										
2										
3									A	
4										
5										
6										
7										
8										
9										
10										