LESSON 3·2 | Rectangular Arrays
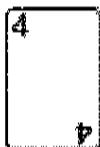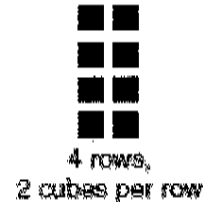
Rectangular arrays can be used to model multiplication facts.
Follow these steps to build arrays with centimeter cubes.

1. Place a deck of number cards (1–10) facedown on the table.
   Turn over 2 cards.

   ◆ Use one card for the number of rows in the array.

   ◆ Use the other card for the number of cubes in each row.

2. Use centimeter cubes to build the array.

Example:

If [4] and [2] are turned over, you can make either array:

2 rows,
4 cubes per row

4 rows,
2 cubes per row

3. Record some of the arrays you made in the table below.

How many rows?	How many cubes in each row?	How many cubes in all?	Number model
4	2	8	$4 * 2 = 8$

C20