



Square Arrays

CA Standards
KEY NS 2.2, MR 2.3

You can use a square array to help you multiply two factors that are the same.

Sandi has pictures of her dog Roxy doing tricks. She pasted them on a page in 3 rows, with 3 pictures in each row. How many pictures are there on a page?

Ask: $3 \times 3 = \square$

Model:

Count:

1	2	3
4	5	6
7	8	9

Solution: Sandi has 9 pictures of Roxy on a page.

Find each product. Use the array to help.

1. $5 \times 5 =$

2. $4 \times 4 =$

3. $7 \times 7 =$

4. $8 \times 8 =$



Writing Math Mrs. Schmitt wrote $2 \times 2 = 4$ and $2 \times 3 = 6$ on the board. Which product is a square number? Tell how you know.
