



# Square Arrays

CA Standards  
KEY NS 2.2, MR 2.3

Solve each problem.

1. Cam's bookcase has 8 shelves. There are 8 books on each shelf. How many books does Cam have in the bookcase?
- 

3. Fay bakes 32 cupcakes. She puts them in a box that has 5 rows, with 5 cupcakes in each row. How many cupcakes do **not** fit in the box?
- 

5. Ralph assembles his toy dinosaurs into a square array. He tries a  $6 \times 6$  array, but it is too small. Then, he tries an  $8 \times 8$  array, but it is too big. How many dinosaurs do you think Ralph has?
- 

2. A square box holds 49 tennis balls. What multiplication fact goes with this array?
- 

4. Fay puts her cupcakes in a larger box. This box has 6 rows, with 6 cupcakes in each row. How many empty spaces are in the box?
- 

6. Inés collects shells. She displays them in 2 boxes. One box has 9 rows, with 9 shells in each row. The other box has 10 rows, with 10 shells in each row. How many shells does Inés have in all?
-