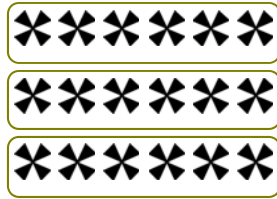# Multiplication as an Array
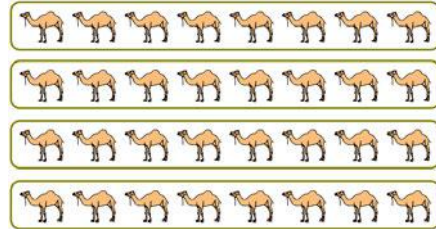
An **array** is an orderly arrangement of things in rows and columns.
When things are neatly aligned in an array, we can think of the _rows as groups_,
so an array still pictures multiplication as repeated addition.

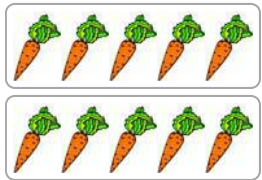3 rows, 6 crosses in each row.

$6 + 6 + 6$

$3 \times 6 = 18$

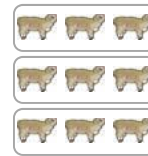4 rows, 8 camels in each row.

$8 + 8 + 8 + 8$

$4 \times 8 = 32$

1. Fill in the missing numbers.

**a.** \_\_\_\_\_ rows, \_\_\_\_\_ carrots in each row.

\_\_\_\_\_ + \_\_\_\_\_

\_\_\_\_\_ × \_\_\_\_\_ = _____ carrots

**b.** \_\_\_\_\_ rows, \_\_\_\_\_ rams in each row.

\_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_

\_\_\_\_\_ × \_\_\_\_\_ = _____ rams

**c.** \_\_\_\_\_ rows, \_\_\_\_\_ bear in each row.

\_\_\_\_\_ + \_\_\_\_\_

\_\_\_\_\_ × \_\_\_\_\_ = _____ bears

**d.** \_\_\_\_\_ rows, \_\_\_\_\_ bulbs in each row.

\_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_

\_\_\_\_\_ × \_\_\_\_\_ = _____ bulbs