

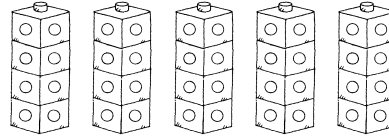
Investigating Equal Groups



Quick Review

Equal groups have the same number of things in each group.

Here are 5 towers of Snap Cubes.
There are 4 cubes in each tower.



4 ... 8 ... 12 ... 16 ... 20

Skip count to find how many cubes.
There are 20 cubes in all.

We write 5 groups of 4 as a **multiplication sentence**.

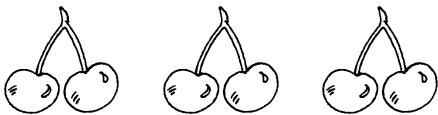
$$\begin{array}{ccccccc}
 5 & \times & 4 & = & 20 \\
 \uparrow & & \uparrow & & \uparrow \\
 \text{Number of} & & \text{Number of} & & \text{Total number} \\
 \text{groups} & & \text{cubes in each} & & \text{of cubes} \\
 & & \text{group} & &
 \end{array}$$

We say: 5 **times** 4 equals 20.

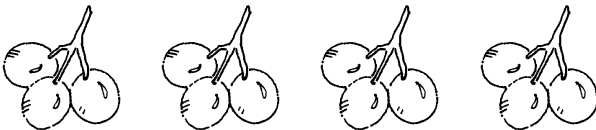
Try These

Write a multiplication sentence for each picture.

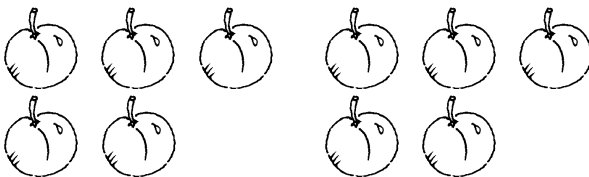
1.



2.



3.



Practice

1. Find each product.

a) $1 \times 1 =$ _____

b) $2 \times 4 =$ _____

c) $1 \times 3 =$ _____

d) $4 \times 3 =$ _____

e) $2 \times 5 =$ _____

f) $5 \times 1 =$ _____

2. Multiply.

a) $2 \times 3 =$ _____

b) $3 \times 3 =$ _____

c) $4 \times 4 =$ _____

d) $5 \times 5 =$ _____

e) $2 \times 1 =$ _____

f) $2 \times 2 =$ _____

3. Draw a picture for each multiplication sentence.

a) $3 \times 4 = 12$

b) $2 \times 5 = 10$

c) $4 \times 5 = 20$

Stretch Your Thinking

Golf balls come in tubes of 3.

Each box has 4 tubes.

Draw a picture and write a multiplication sentence to find how many golf balls in a box.
