Name: .... Class: ....
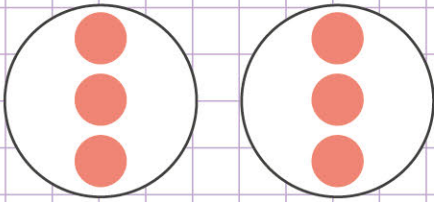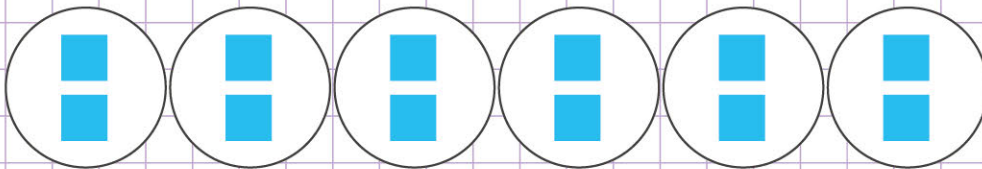
Relating multiplication and division using equal groups

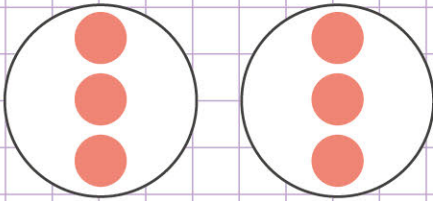Write multiplication and division expressions that describes the models below.

a.

b.

c.

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Name: .... Class: ....

Relating multiplication and division using equal groups

a.

Let's first of all start by counting the number of equal groups.
There are 2 equal groups.
Secondly, let's count the total number of circles in all the groups
There are 6 circles in all

Thirdly, let's count the number of circles in each group;
There are 3 circles in each group.
Finally, let's write multiplication and division expressions that describes the model
You see that, the model has 2 equal groups of 3 circles with a total of 6 circles
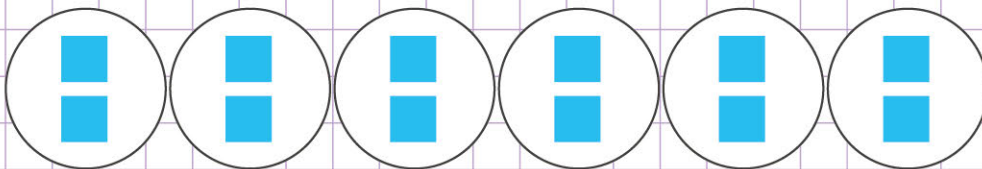Hence the multiplication sentence is:

2×3 circles = 6 circles

Also, the model has a total of 6 circles divided into 2 equal groups with 3 circles in each group.
Hence the division sentence is

6 circles ÷ 2 = 3 circles.

b.

6×2 squares = 12 squares and 12 squares ÷ 6 = 2 squares

c.

5×6 keys = 30 keys and 30 keys ÷ 5 = 6 keys