

YEAR 2

Multiplication & Division

- Making equal groups ★_R
- Adding equal groups ★_R
- Make arrays ★_R



PrimaryStars
EDUCATION

Block 4 – Week 11

MondayShort

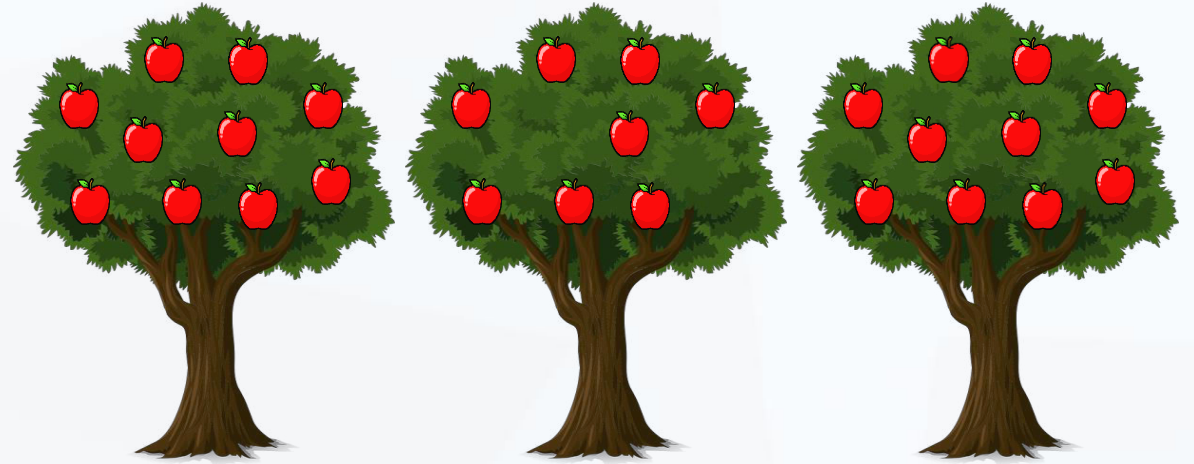
Lesson 1

Step: Making equal groups

Equal or unequal?

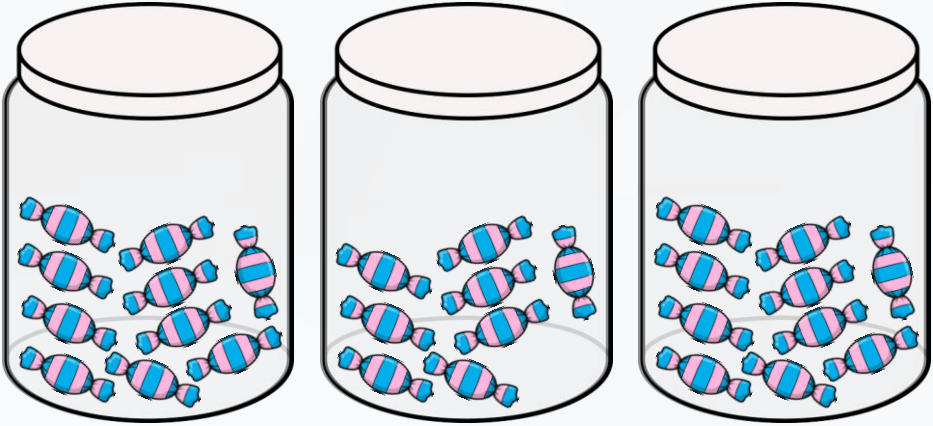


equal

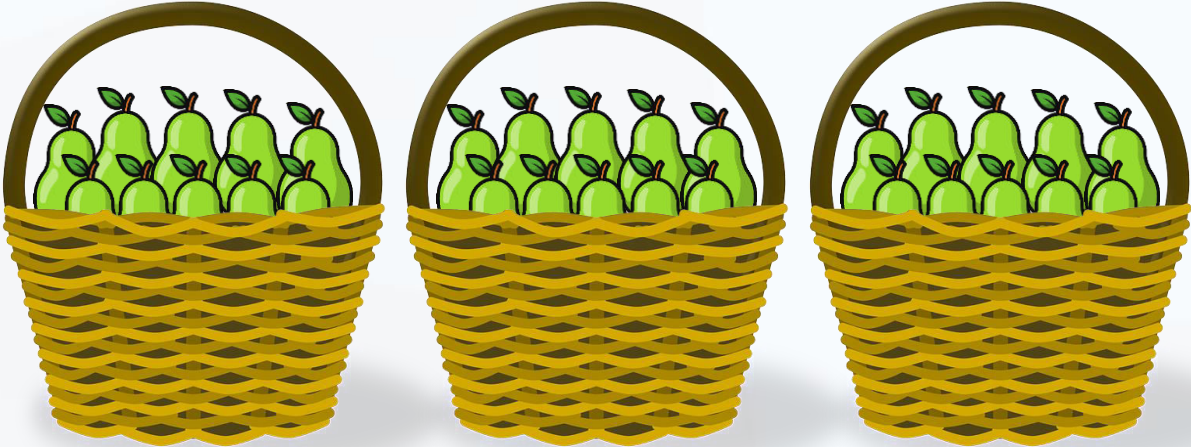


unequal

Equal or unequal?



unequal



equal

Complete the sentences.



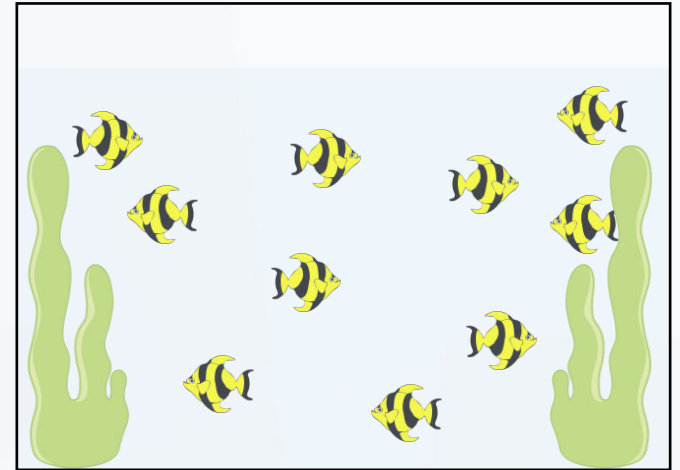
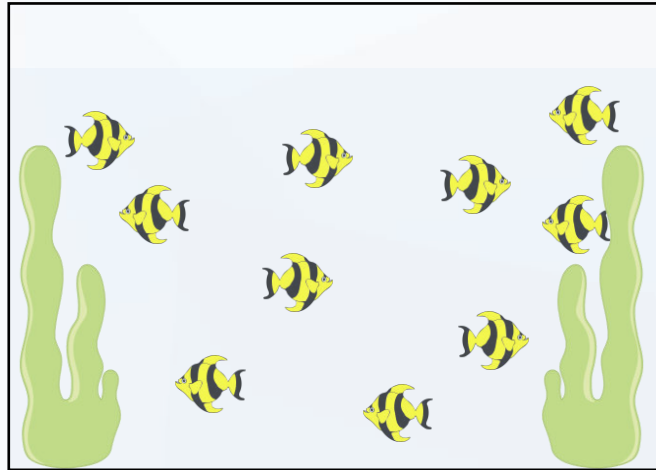
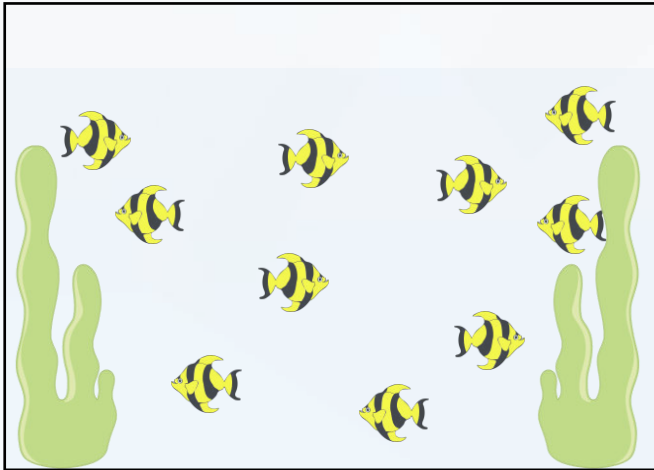
There are 5 groups, each with 2 ice cream scoops.

Complete the sentences.



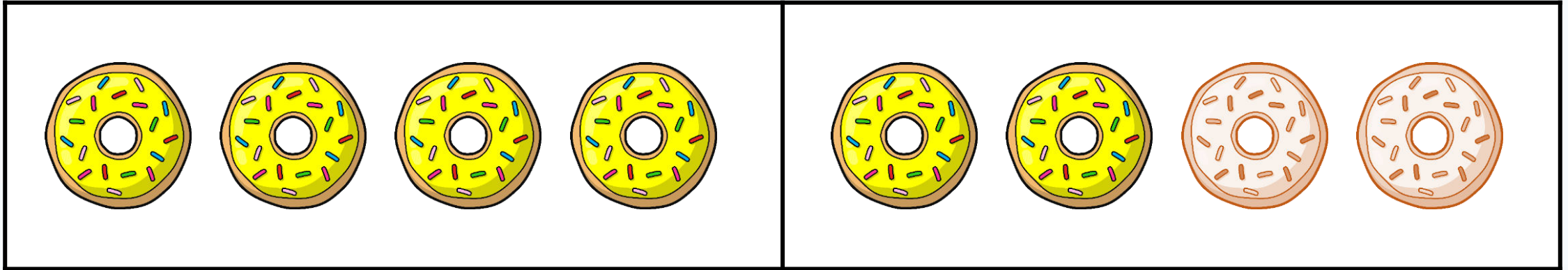
There are 4 groups of 10 apples.

Complete the sentences.

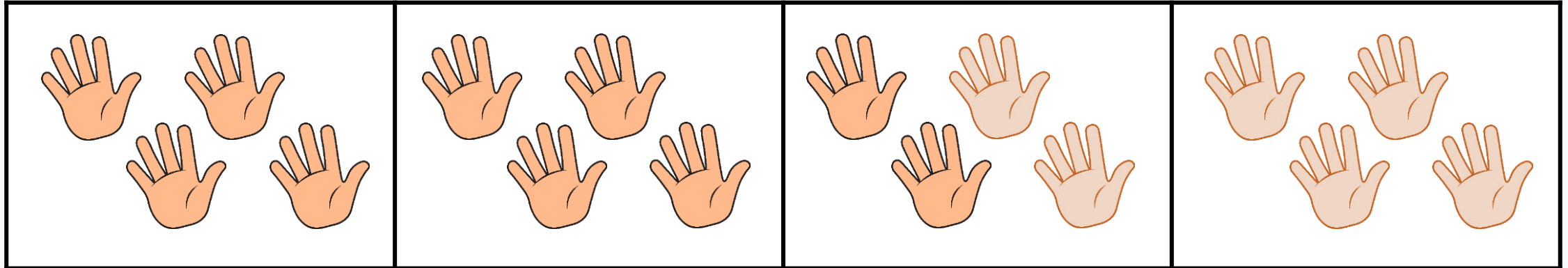


There are 3 groups of 10 fish.

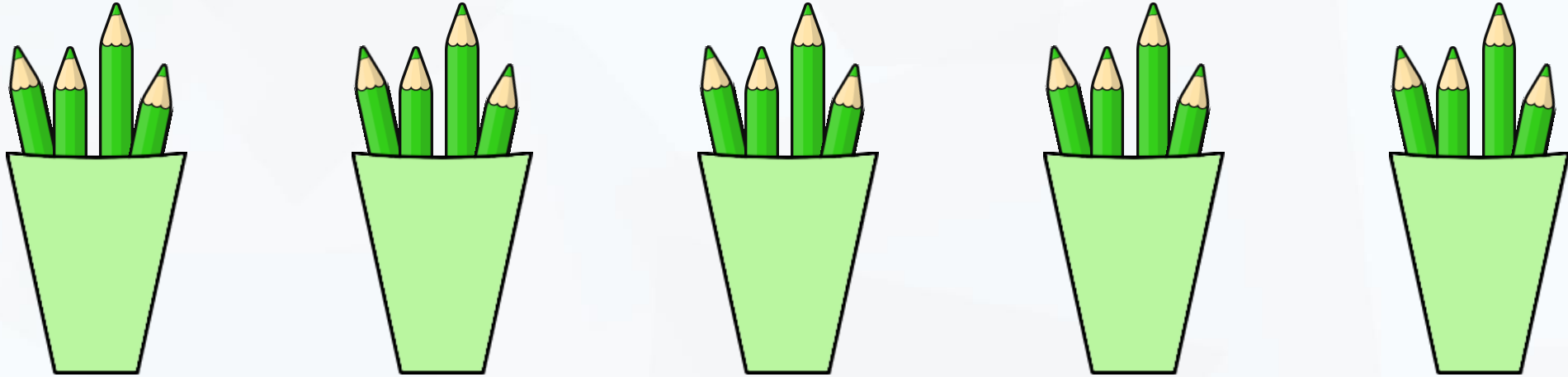
Complete to make equal groups.



Complete to make equal groups.



True or false?



There are 4 groups of 5 pencils.

Explain your answer.

False, there are five groups of 4 pencils.

Kat says,



I have 3 unequal groups.

On your whiteboards, draw what the groups could look like.

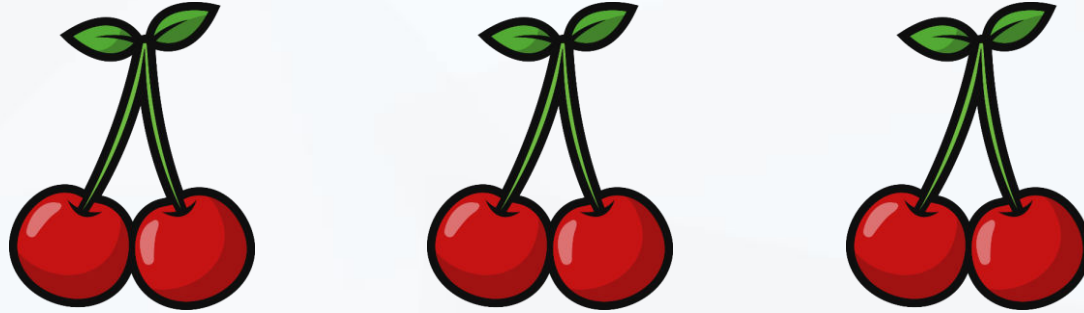
Wednesday

Short

Lesson 2

Step: Adding equal groups

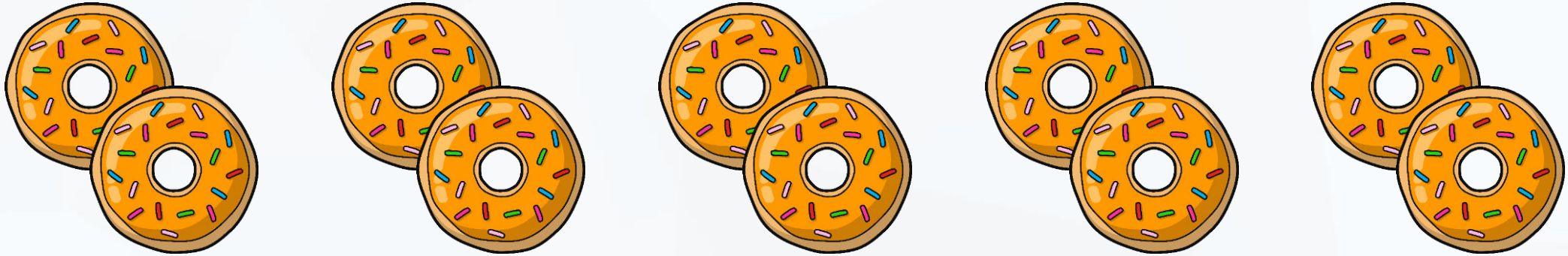
How many cherries altogether?



$$2 + 2 + 2 = \underline{6}$$

There are 3 groups of 2 cherries
which is equivalent to 6.

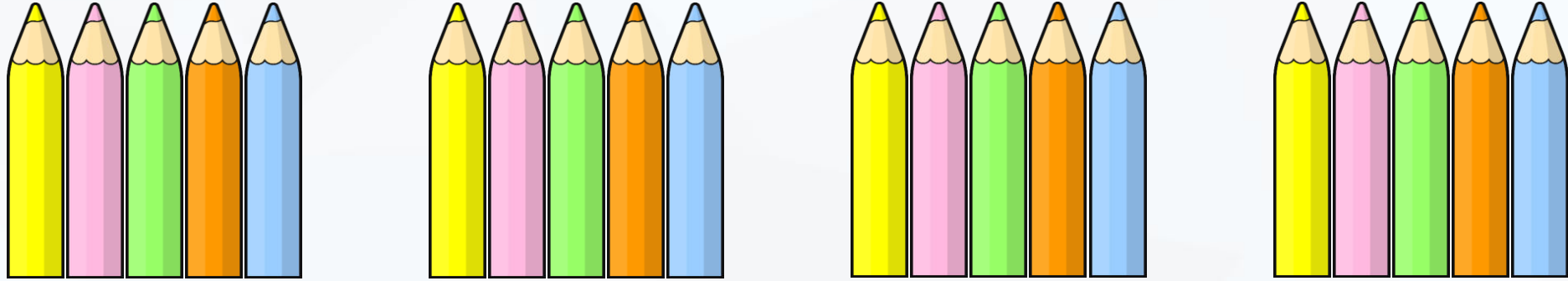
How many doughnuts altogether?



$$2 + 2 + 2 + 2 + 2 = \underline{10}$$

There are 5 groups of 2 doughnuts
which is equivalent to 10.

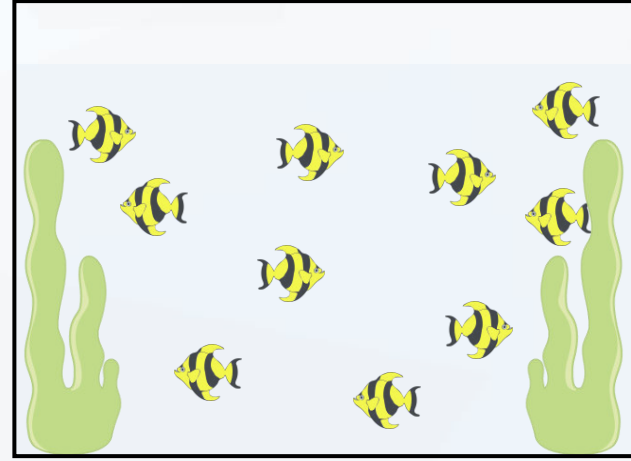
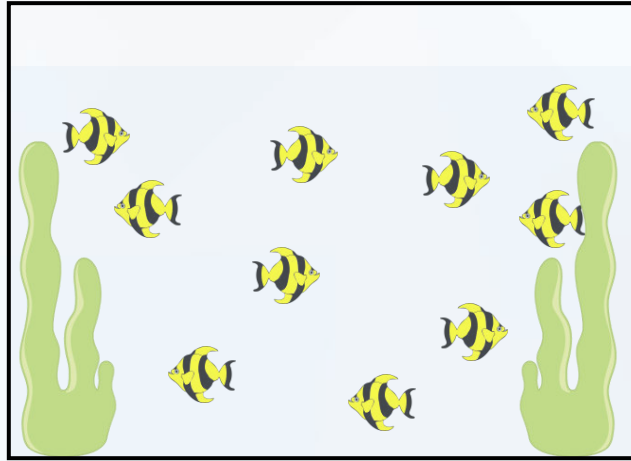
How many pencils altogether?



$$5 + 5 + 5 + 5 = \underline{20}$$

There are 4 groups of 5 pencils
which is equivalent to 20.

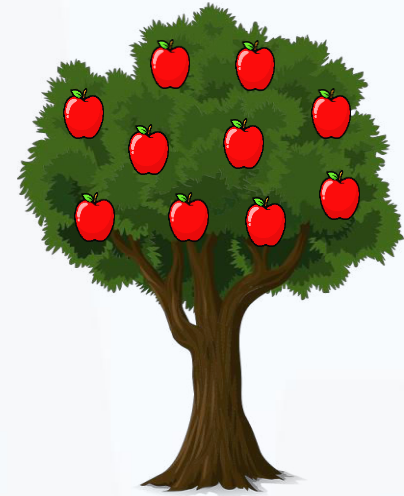
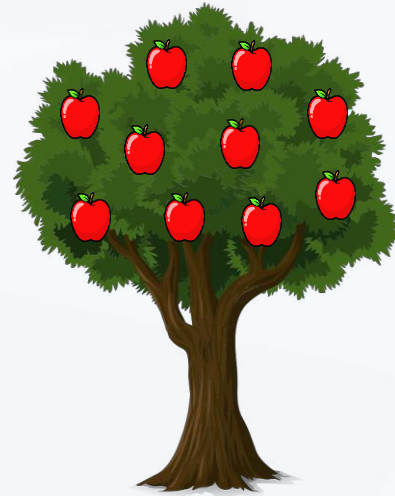
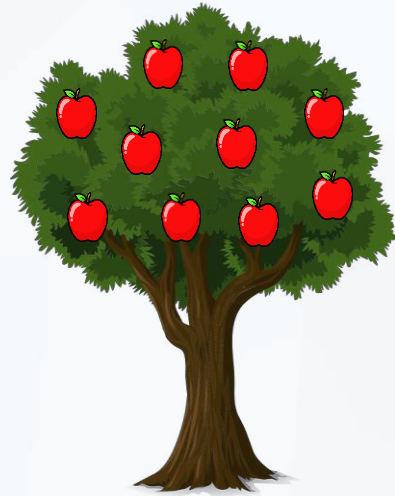
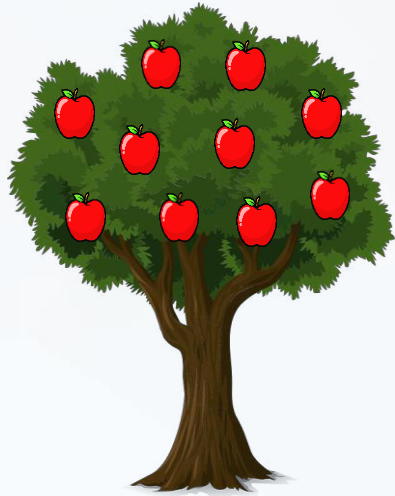
How many fish altogether?



$$10 + 10 = \underline{20}$$

There are 2 groups of 10 fish
which is equivalent to 20.

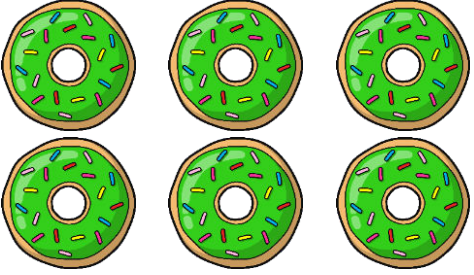
How many apples altogether?



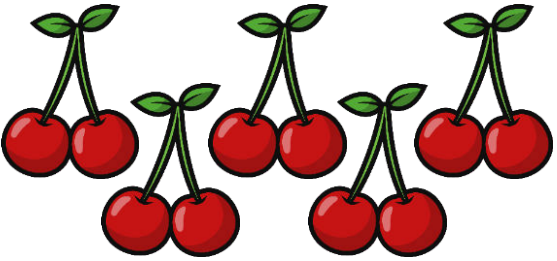
$$10 + 10 + 10 + 10 = \underline{40}$$

There are 4 groups of 10 apples
which is equivalent to 40.

Complete the table.

Picture	Repeated addition	Bar model	Stem sentence						
	$2 + 2 + 2$	<table border="1" style="width: 100%; text-align: center;"> <tr> <td colspan="3" style="background-color: #e0e0e0;">6</td> </tr> <tr> <td>2</td> <td>2</td> <td>2</td> </tr> </table>	6			2	2	2	<p>There are <u>3</u> groups of <u>2</u> which is equivalent to <u>6</u>.</p>
6									
2	2	2							

Complete the table.

Picture	Repeated addition	Bar model	Stem sentence										
	$2 + 2 + 2 + 2 + 2$	<table border="1" style="width: 100%; text-align: center;"> <tr> <td colspan="5" style="padding: 5px;">10</td> </tr> <tr> <td style="padding: 5px;">2</td> <td style="padding: 5px;">2</td> <td style="padding: 5px;">2</td> <td style="padding: 5px;">2</td> <td style="padding: 5px;">2</td> </tr> </table>	10					2	2	2	2	2	<p>There are <u>5</u> groups of <u>2</u> which is equivalent to <u>10</u>.</p>
10													
2	2	2	2	2									

Kat and Asha are making equal groups of doughnuts.



Kat

We need one more group to make 40.

We need 10 more doughnuts to make 40.



Asha

Who do you agree with? Explain why.

Both are correct.

One more group of ten is the same as adding 10 more doughnuts.



Jack

I have nine groups of 2.

I have 2 groups of 10.



Matt

Who has the most? Explain how you know.

Matt has the most. 2 groups of 10 = 20.

Jack has 9 groups of 2 = 18.

Friday Short

Lesson 3

Step: Make arrays

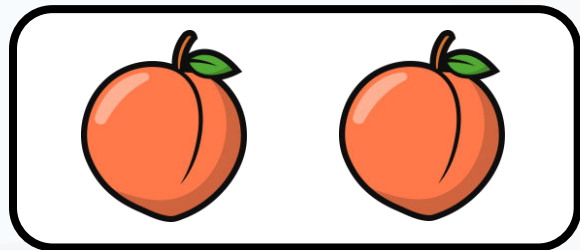
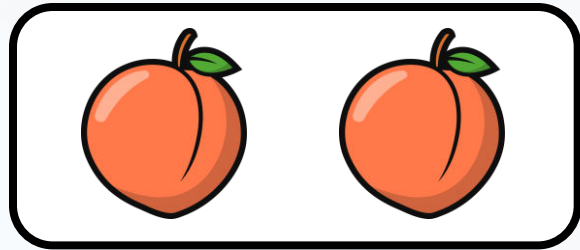
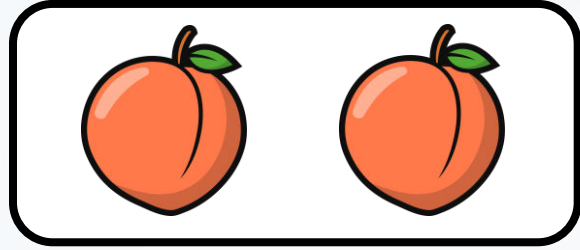
What is a row?



How many in each row? 5

How many rows are there? 2

Complete the sentences.



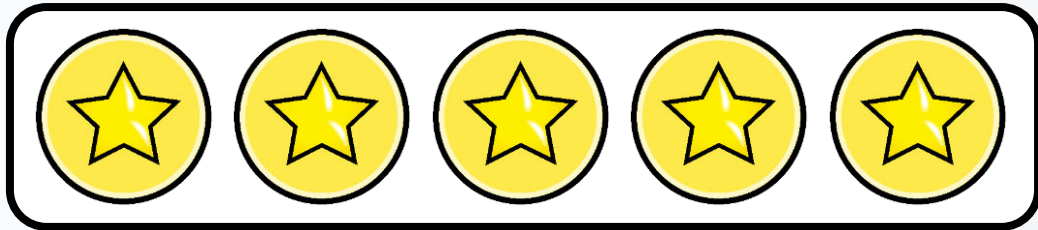
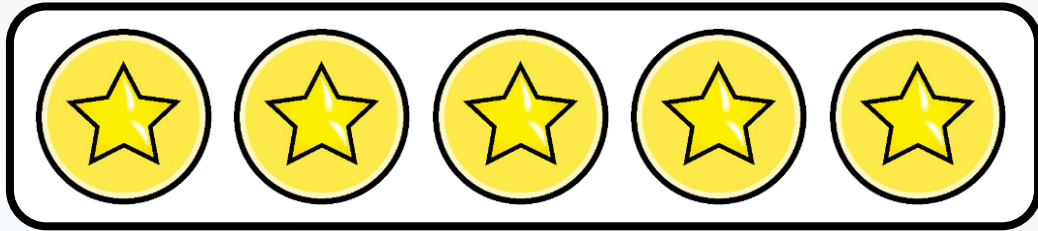
There are 2 in each row.

There are 3 rows.

$$\underline{2} + \underline{2} + \underline{2} = \underline{6}$$

There are 6 altogether.

Complete the sentences.



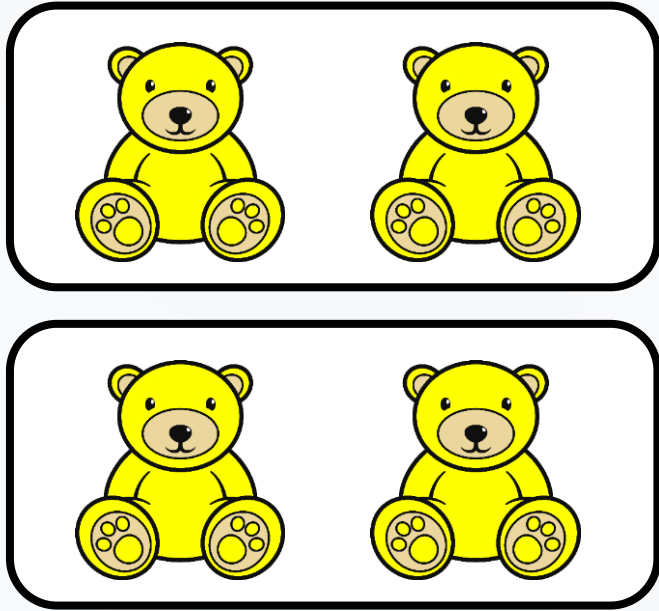
There are 5 in each row.

There are 2 rows.

$$\underline{5} + \underline{5} = \underline{10}$$

There are 10 altogether.

Complete the sentences.



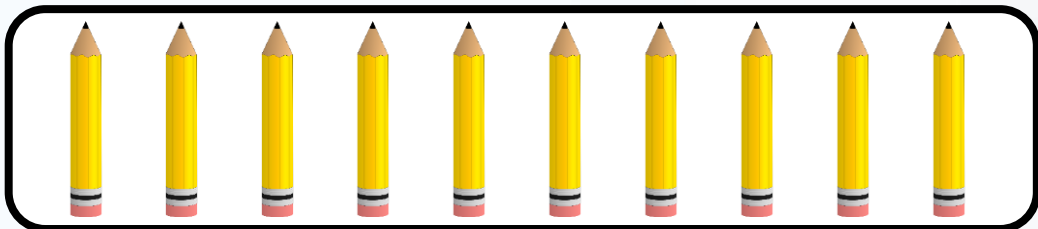
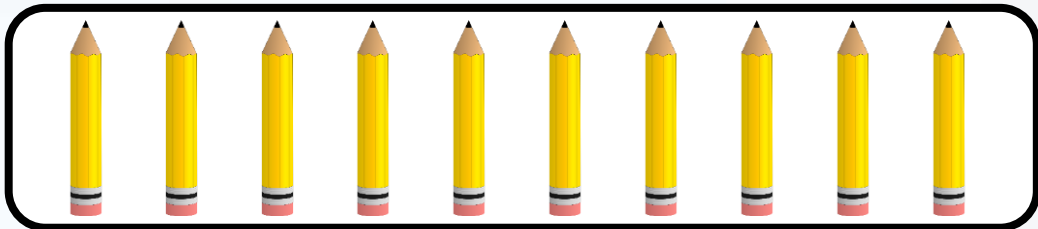
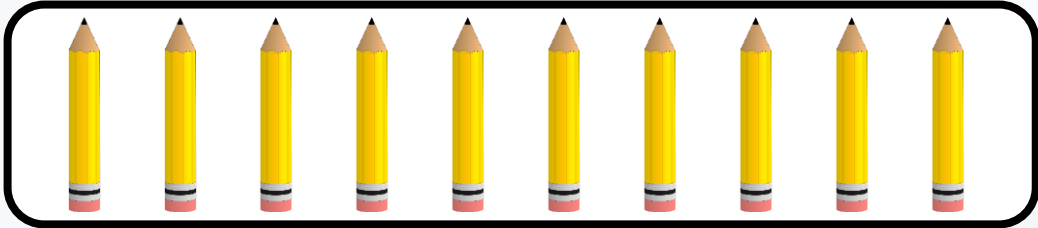
There are 2 in each row.

There are 2 rows.

$$\underline{2} + \underline{2} = \underline{4}$$

There are 4 altogether.

Complete the sentences.

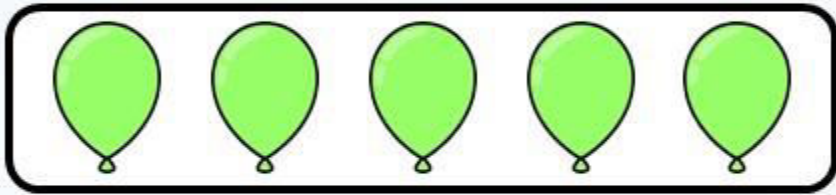
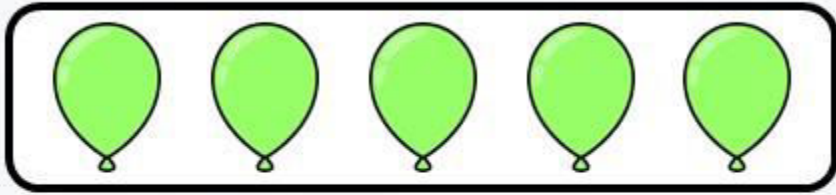
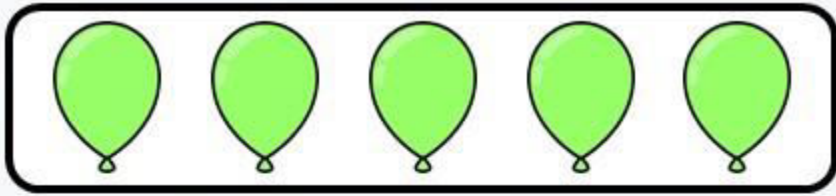


There are 10 in each row.

There are 3 rows.

$$\underline{10} + \underline{10} + \underline{10} = \underline{30}$$

There are 30 altogether.



Dom

The matching number sentence is $5 + 5 + 5$.



Kat

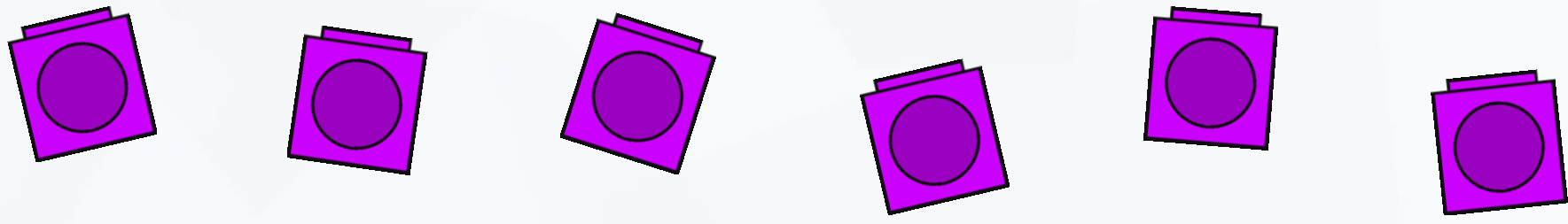
The matching number sentence is $3 + 3 + 3$.

Who do you agree with?
Explain your answer.

Dom is correct.

There are 5 in each row and there are 3 rows.

What array could be built with 6 cubes?



Build, draw and describe the array.

2 in each row. 3 rows.

A rounded rectangular box containing a 3x2 array of purple cubes. Below the array, the text "2 in each row. 3 rows." is written in red.

or

3 in each row. 2 rows.

A rounded rectangular box containing a 2x3 array of purple cubes. Below the array, the text "3 in each row. 2 rows." is written in red.

The number sentence that represents the array is:

$$10 + 10 + 10$$

Complete the array to show this.

