Monday 25.01.2021
Counting in 2s for repeated addition\Understanding arrays

Let's all start practicing counting in 2s to 20…
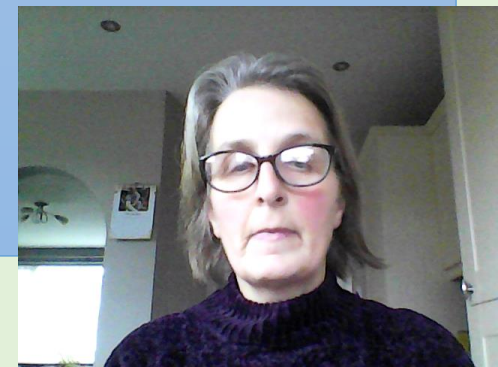
Counting in 10s to 100.

Counting in 5s to 50.

These are really important skills that we should do fluently in order to get speedy at maths and to work out other problems, such as
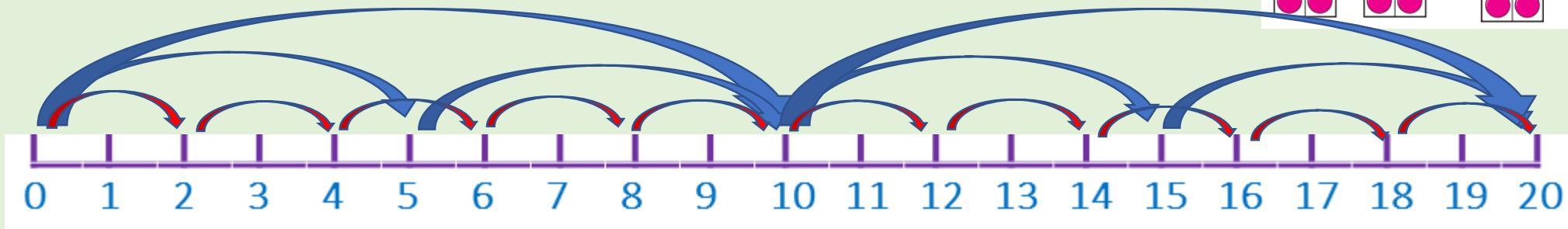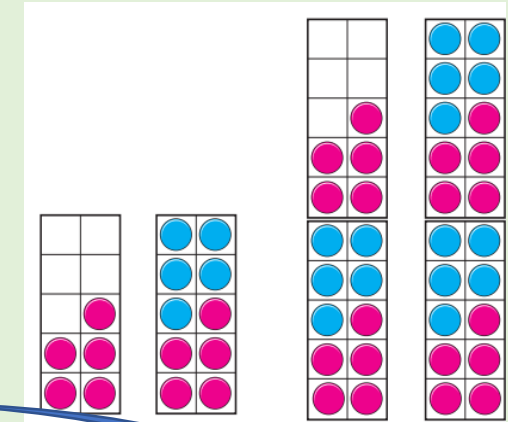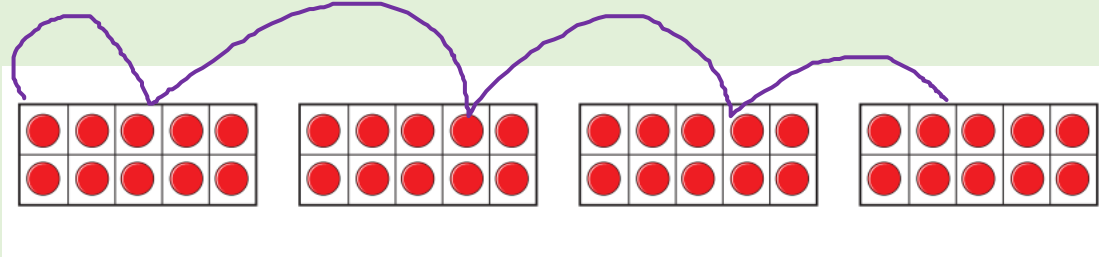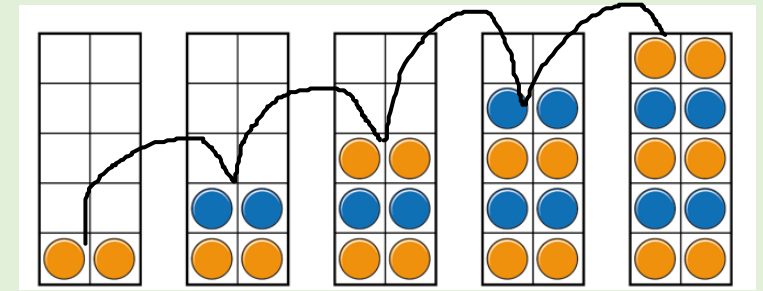6 x 5p   or 8 x £10   or 7 x £2

What are we doing when we are counting in 2s?

What are we doing when we are counting in 10s?
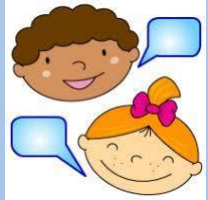
What are we doing when we are counting in 5s?

We are counting in multiples, lots of or steps, to prepare for knowing our times tables, our multiplication

If you can count in 2s, you can …
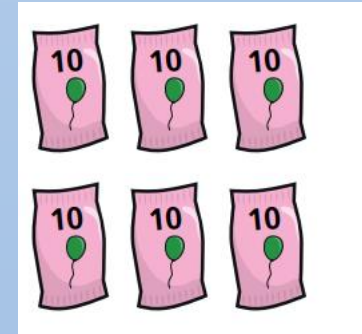
find how many socks altogether?

How many now?

6 lots (pairs) of 2 = 12
6 x 2 = 12

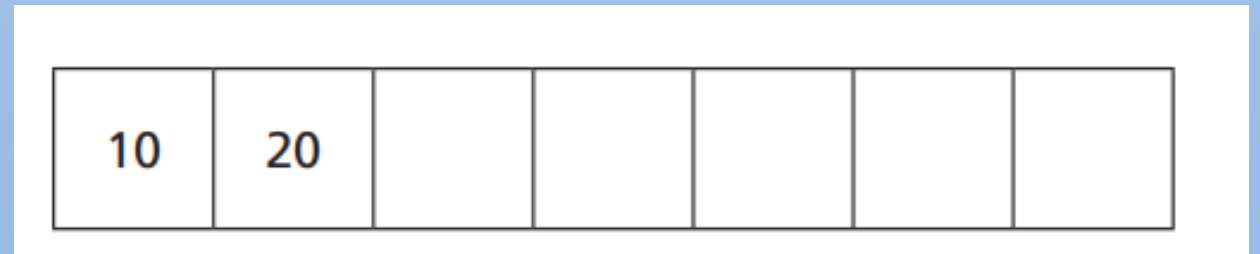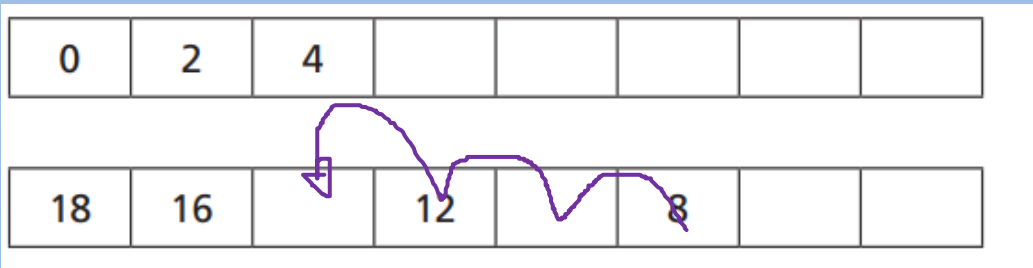10 lots (pairs) of 2 = 20
10 x 2 = 20

6 lots (bags) of 10 = 60
6 x 10 = 60

0	2	4					
18	16		12		8		

10	20					

Year 1: You are ready to complete the work on the next 2 slides – off you go.

Year 2: (plus Mav, Violet, Isabelle)
Watch this link and then complete the work on slide 7 and the challenge on slide 8.
Year 2:   Spr2.2.1 - Using arrays on Vimeo

1 What are the numbers?

a)

b)

2 How many flowers are there?

3 Circle 14 socks.

4 Fill in the missing numbers.

a)

0	2	4				

b)

18	16		12		8		

c)

10 12 14

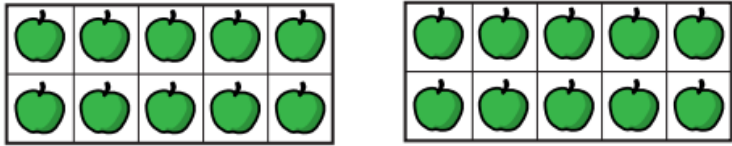**5** How far can you count up in 2s?

Work with a partner.

Can you count up to 50 together?

Now try counting down in 2s from 50

Adults, can do this with your child and annote their success please?
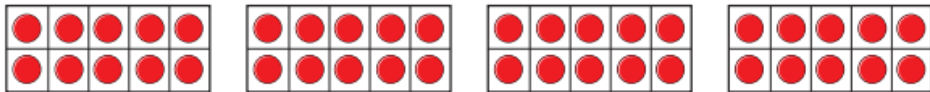
2 How many apples are there altogether?

There are [ ] apples on each ten frame.
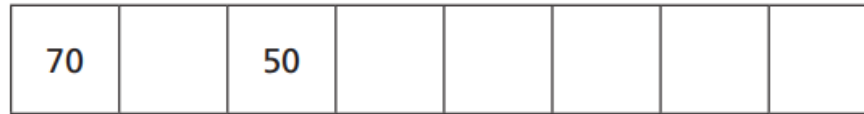
There are [ ] ten frames.

There are [ ] apples altogether.

3 How many counters are there altogether?

There are [ ] counters altogether.

4 Complete the number tracks.

10	20					

70		50					

5 Tom has these balloons.

He needs 60 balloons for a party.

Does Tom have enough balloons?

How do you know?

Adults, you can scribe this for your child (if necessary).

1 How many pears are there?

☐ + ☐ + ☐ = ☐

☐ × ☐ = ☐

There are ☐ pears.

2 How many stars are there?
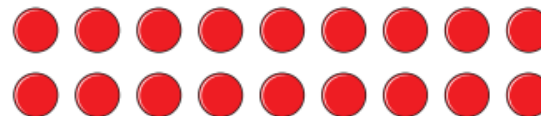

☐ + ☐ = ☐

☐ × ☐ = ☐

There are ☐ stars.

3 Write two additions and two multiplications for the array.
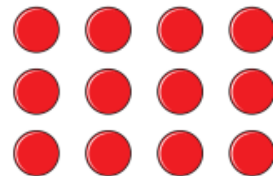
What do you notice?

4 Write two multiplications for this array.

5 Draw an array to show 7 × 3

Complete the number sentence.

7 × 3 = ☐

Is there more than one way to draw the array?

6 Draw three different arrays to show 12

Use objects or your counters from your learning pack to make an array to show

6 lots of 5,   then 5 lots of 6.

Draw or take a picture of your arrays to send in.

Cakes are sold in boxes of 10
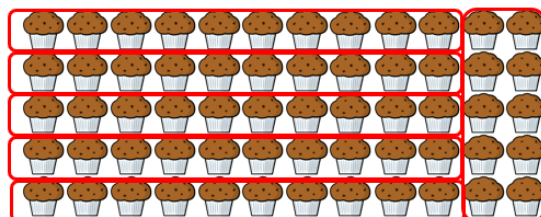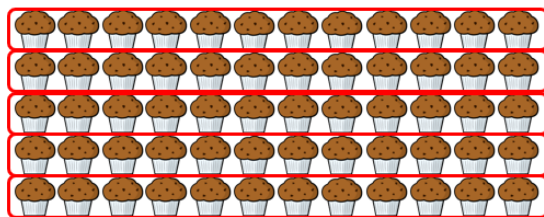Jack and Alex are trying to pack these cakes into boxes.

There are 5 groups of 10

Jack

There are 6 groups of 10

Alex

Who is correct? Explain how you know.

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