Count in 2s, 5s and 10s.

Here is an example skip counting by 2's.

+2	+2	+2	+2	+2	+2	+2

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

Count by	Skip Counting
2s	2 4 6 8 10 12

Number lines to help you with your work.

Counting in 2s number line

0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40

Counting in 5s number line

0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100

Counting in 10s number line

0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200
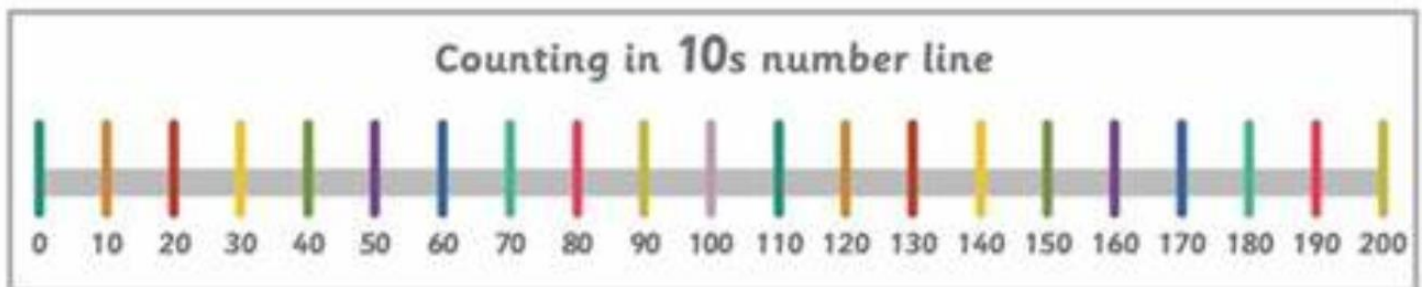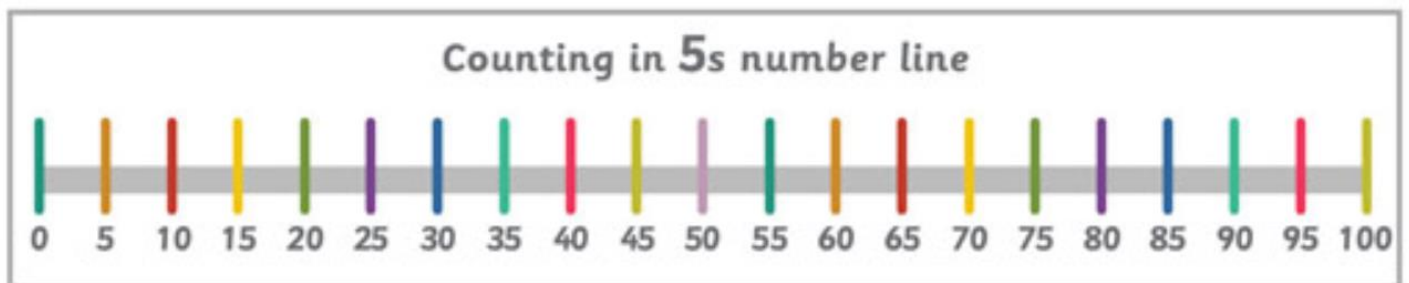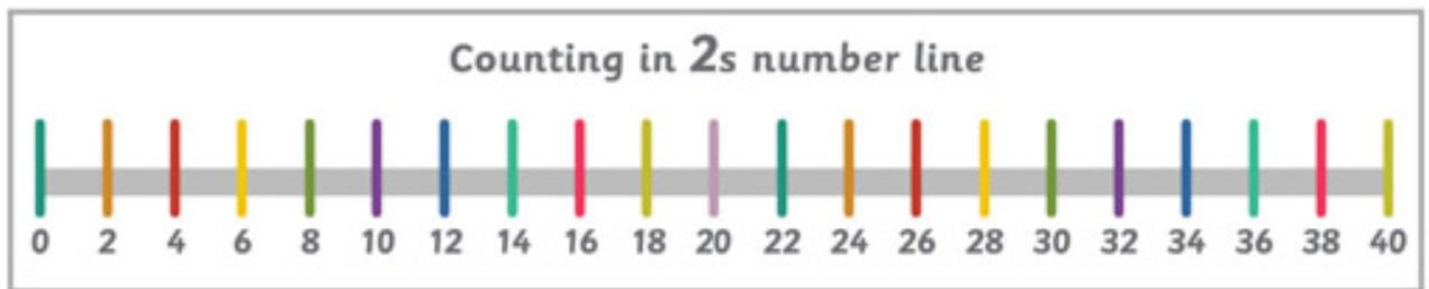
Challenge 1

Skip count by 2's

Use counters or lego to help you count in 2's or complete the following.

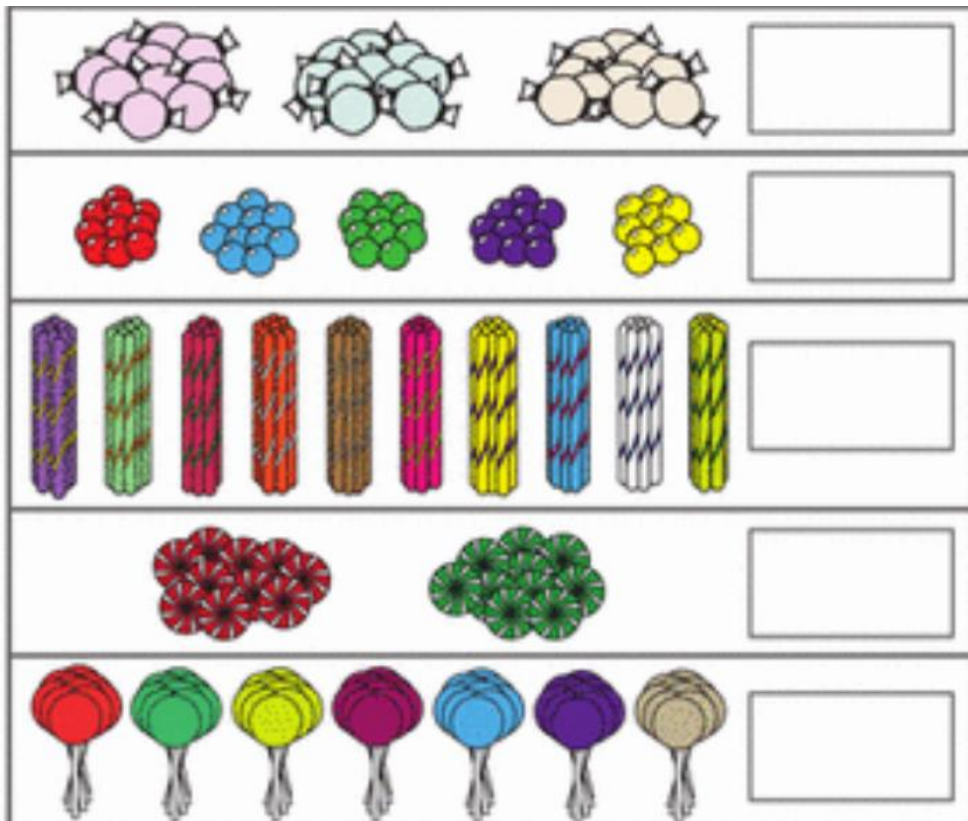| 2	___	___	8	___
12	___	16	___	20
22	___	___	___	30
___	34	___	38	___
42	___	___	___	50

Skip count by 5's

Create hand prints using paint then count the hands in 5s or complete the following:
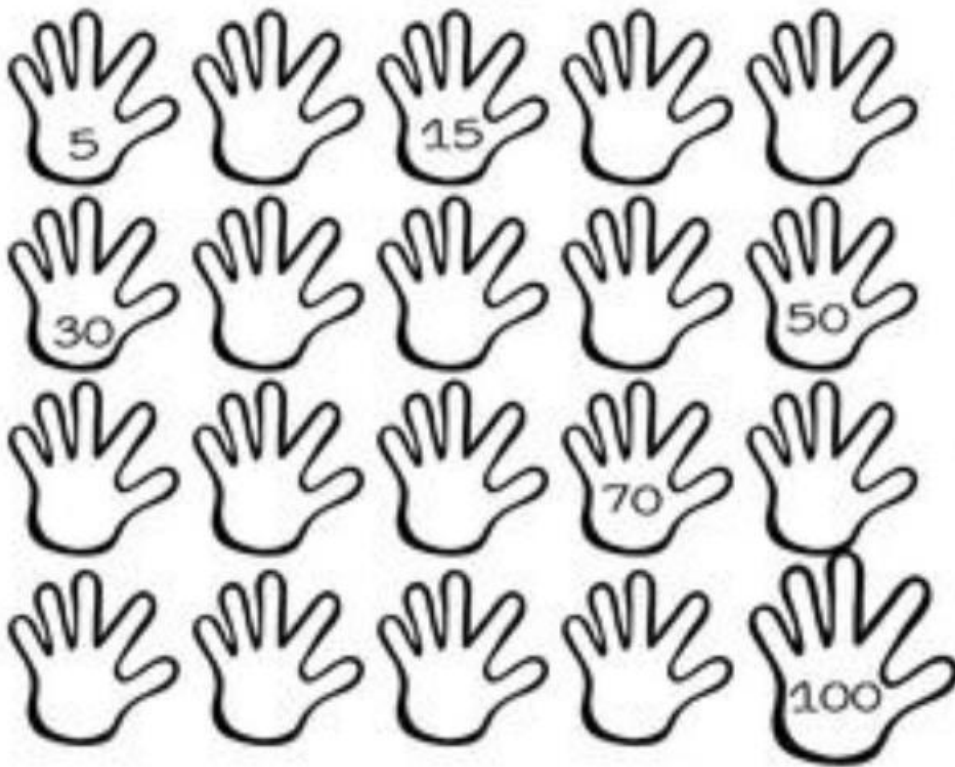
Skip count by 10's

Complete footprints using paint and count in 10's or complete the folllowing:

Each pile has 10 sweets. Count by tens and write the total.

Challenge 2

How many birds are there altogether?

There are _____ birds in each tree.
There are _____ trees.
There are _____ birds altogether.

How many flowers are there altogether?

There are _____ flowers in each bunch.
There are _____ bunches.
There are _____ flowers altogether.

Use a 0-100 bead string to count in tens.
Can we count forwards and backwards in tens?

Complete the number sequences counting forwards and backwards in 2s, 5s and 10s.

16, 14, 12, 10, 8, _____, _____, _____

20, 25, _____, _____, _____, 45, 50, 55

_____, _____, _____, 53, 63, 73, 83

100, 90, 80, 70, _____, _____, _____

18, 20, _____, _____, _____, 28, 30

80, 85, 90, 95, _____, _____, _____

Questions for discussions

Are the sequences going forwards or backwards.

How do you know?

What multiples can you see?

What sized steps are the numbers counting in?
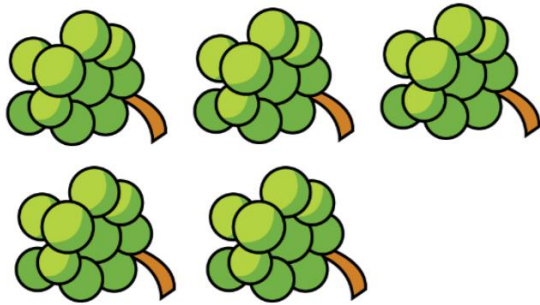
Can you find any patterns?

What numbers are missing?

What would come next in each sequence?

1.

In a shop, grapes come in bunches of 10

Max wants to buy forty grapes.

Are there enough grapes?

2.

Jemima is counting in 10s on part of a hundred square.

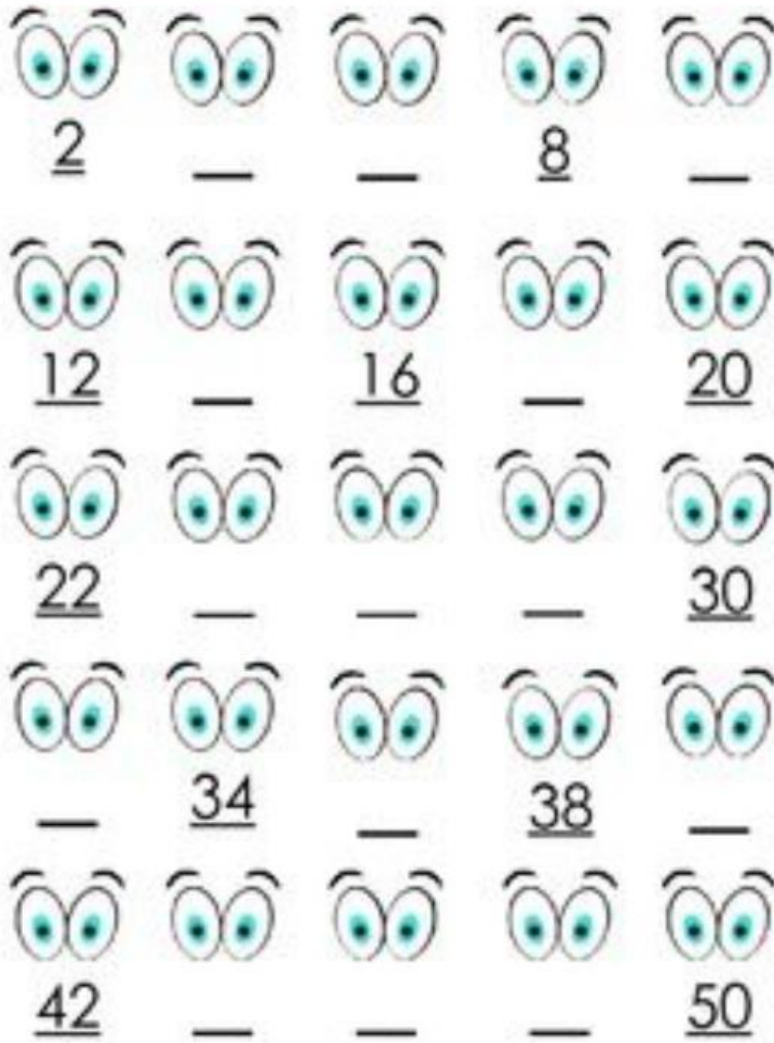| 1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

She starts at 10

Shade in all the numbers Jemima will say.

What is the same about the numbers she says?

What is different about the numbers?
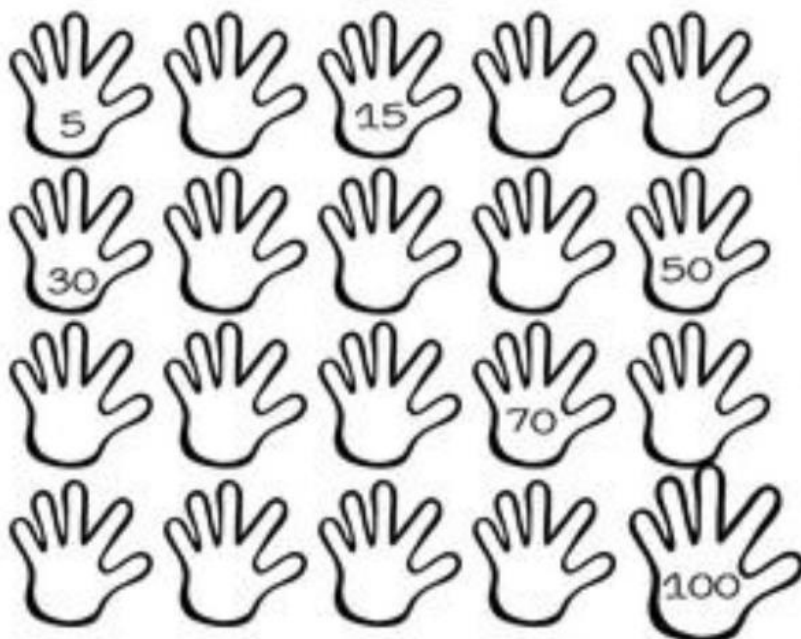
Answers   **Challenge 1**

👀	👀	👀	👀	👀
2	_	_	8	_

👀	👀	👀	👀	👀
12	_	16	_	20

👀	👀	👀	👀	👀
22	_	_	_	30

👀	👀	👀	👀	👀
_	34	_	38	_

👀	👀	👀	👀	👀
42	_	_	_	50

2	4	6	8	10
12	14	16	18	20
22	24	26	28	30
32	34	36	38	40
42	44	46	48	50

✋	✋	✋	✋	✋
5		15		
30				50
			70	
				100

5	10	15	20	25
30	35	40	45	50
55	60	65	70	75
80	85	90	95	100
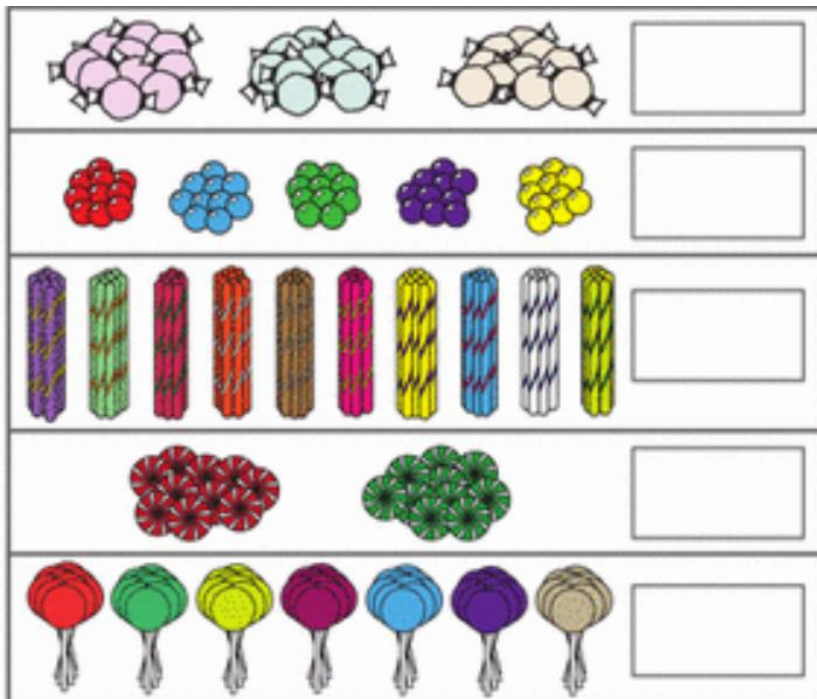
	30
	50
	100
	20
	70

Answers

Challenge 2

How many birds are there altogether?

There are _____ birds in each tree.
There are _____ trees.
There are _____ birds altogether.

How many flowers are there altogether?

There are _____ flowers in each bunch.
There are _____ bunches.
There are _____ flowers altogether.

Use a 0-100 bead string to count in tens.
Can we count forwards and backwards in tens?

There are 10 birds in each tree.

There are 3 trees.

There are 30 birds altogether.

There are 10 flowers in each bunch.

There are 5 bunches.

There are 50 flowers altogether.

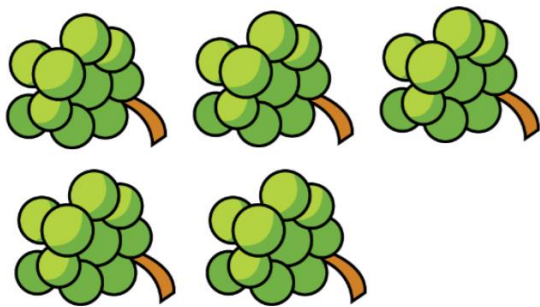Practice counting backwards and forwards in tens.

16, 14, 12, 10, 8, _____, _____, _____

20, 25, _____, _____, _____, 45, 50, 55

_____, _____, _____, 53, 63, 73, 83

100, 90, 80, 70, _____, _____, _____

18, 20, _____, _____, _____, 28, 30

80, 85, 90, 95, _____, _____, _____

16, 14, 12, 10, 8, 6 ,4, 2
20, 25, 30, 35, 40, 45, 50, 55
23, 33,43,53, 63, 73, 83
100, 90, 80, 70, 60,50, 40
18, 20, 22, 24, 26, 28, 30
80, 85, 90, 95, 100, 105, 110

Answers   Challenge 3

In a shop, grapes come in bunches of 10

Max wants to buy forty grapes.

Are there enough grapes?

Yes there are enough grapes. There are fifty grapes and Max only needs forty.

Jemima is counting in 10s on part of a hundred square.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

She starts at 10

Shade in all the numbers Jemima will say.

What is the same about the numbers she says?

What is different about the numbers?

Jemima will say 10, 20, 30, 40 and 50

All the numbers have the same ones digit (0)

They all have different tens digit. The tens digit goes up by 1 for each new number she says.