Year 2 Numeracy – Week 2

Week 2 – Day 1

<u>Starter:</u> Practise saying the 5 times tables then the 10 times tables from zero.

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**
51	52	53	54	**55**	56	57	58	59	**60**
61	62	63	64	**65**	66	67	68	69	**70**
71	72	73	74	**75**	76	77	78	79	**80**
81	82	83	84	**85**	86	87	88	89	**90**
91	92	93	94	**95**	96	97	98	99	**100**

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**
51	52	53	54	55	56	57	58	59	**60**
61	62	63	64	65	66	67	68	69	**70**
71	72	73	74	75	76	77	78	79	**80**
81	82	83	84	85	86	87	88	89	**90**
91	92	93	94	95	96	97	98	99	**100**

- What patterns can you see?
- What rules can you see?
- What do the 5 and 10 times tables have in common?

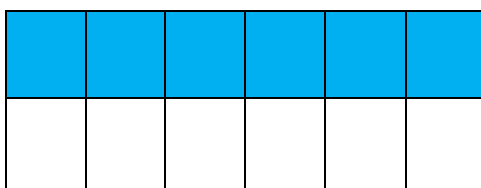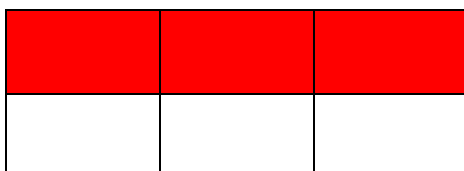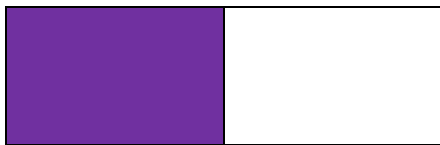# LI: To investigate and recognise fractions (1/2 and 1/4) as parts of a whole.
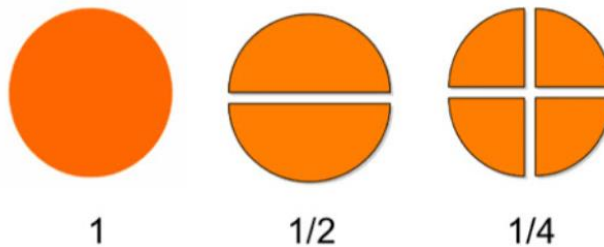
Watch this video to learn about fractions:
https://www.youtube.com/watch?v=362JVVvqYPE

Task 1: What fraction of the shape is shaded?
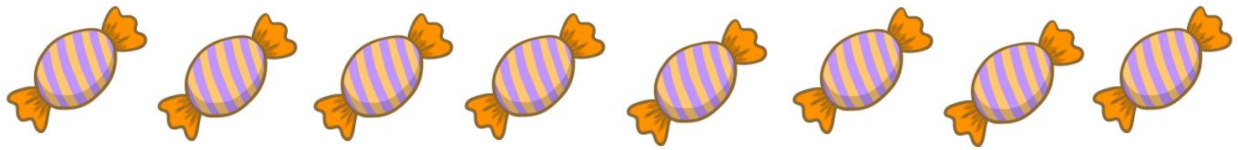
(write them in the simplest form e.g. 2/8 = 1/4)

Answer the questions below. Remember you can use items in your home to help you e.g. pasta, rice, socks, marbles, sweets…
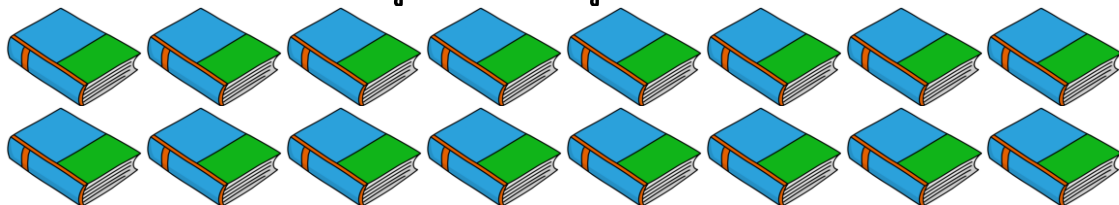
1. Pat is organising her teddy bears. She donates a half of them to charity. How many bears did she have left?

_____

2. Ryan bought some sweets. He gave a quarter to his brother. How many does he have left?

_____

3. Bailey is donating some of her books to charity. She gives away a quarter of her books. How many books does she give away?

_____

Year 2 Numeracy – Week 2
Week 2 – Day 2

- <u>Starter:</u> Practise saying the 3 times tables from zero: Record your time and try and beat it tomorrow.

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
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

- What patterns can you see?

- What rules can we make to remember the 3 times tables?

<u>Starter:</u> Draw a line to connect the statement with the answer. The first has been done for you.

double 2	———	4
half 10		7
half 14		5
double 4		10
half 20		8
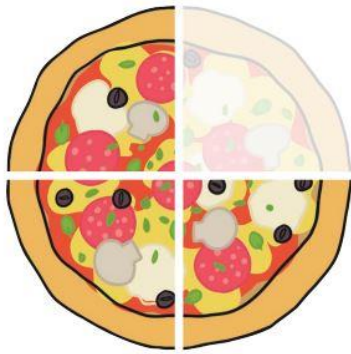
LI: To identify the numerator and denominator in a fraction (1/2, 1/3, 1/4).

Numerator
How many equal parts do you have?

$\dfrac{3}{4}$

Denominator
How many equal parts is the whole divided into?

Explore fractions using this link:
https://phet.colorado.edu/sims/html/fractions-intro/latest/fractions-intro_en.html

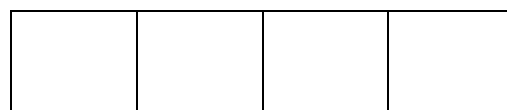Task 1: Below are a series of rectangles. Colour the shape to represent the fraction.
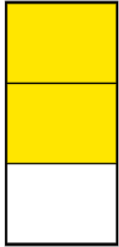
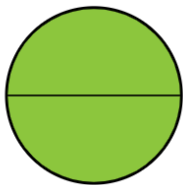$\dfrac{1}{2}$

$\dfrac{2}{3}$

$\dfrac{3}{4}$

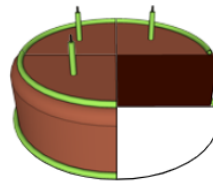Task 2: Fill in the numerator to complete the fractions below:

 $\dfrac{}{3}$

 $\dfrac{}{4}$

 $\dfrac{}{2}$

 $\dfrac{}{4}$

Year 2 Numeracy – Week 2

Week 2 – Day 3

<u>Starter:</u> What is one more and one less of each number below?

	5	

	14	

	37	

	22	

	41	

	50	

<u>LI: To identify the numerator and denominator in a fraction</u> (1/2, 1/3, 1/4).

Learn more about fractions here:
https://teachers.thenational.academy/lessons/to-recognise-identify-and-describe-unit-fractions-ccwpce

<u>Task 1</u>: Using your understanding of fractions, answer the reasoning questions below.

1. Four children want a share of the paper signed by a famous singer. Explain how they can do this.

   _____

   _____

2. Amy is picturing two fractions. "I think ¼ will be bigger than ½ because 4 is bigger than 2". Draw these fractions to prove her wrong and explain your answer underneath.

_____

_____

_____
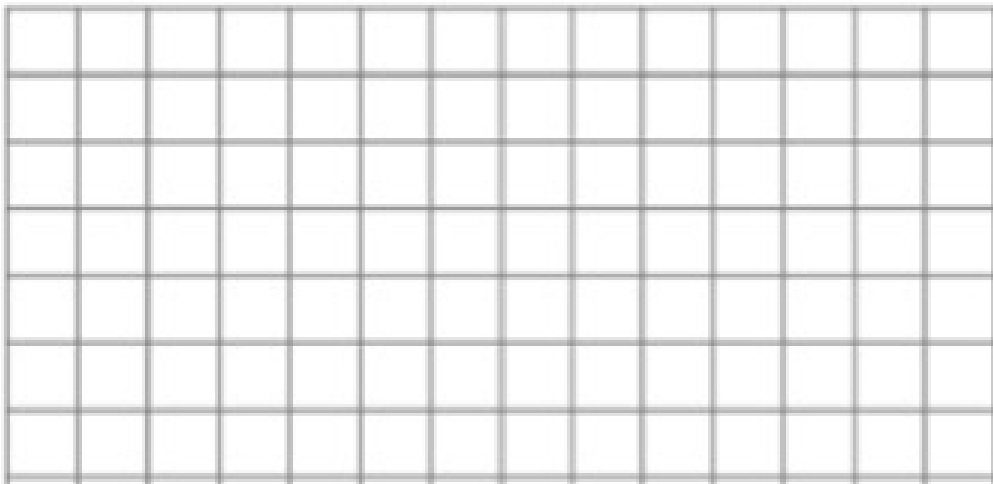
3. Dora says, "I have one third of a pizza because I have one slice and there are three slices left. Do you agree? Explain your reasoning.

_____

_____

_____

_____

4. Will has a piece of ribbon. He cuts it into three equal parts. One third of the ribbon is 6cm long. How long was the whole piece?

6cm

_____

_____

_____

Year 2 Numeracy – Week 2
Week 2 – Day 4

<u>Starter:</u> Practise saying the 3 times tables from zero:

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
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

- How long did it take?

- Did you beat your time?

<u>LI:</u> To find fractions that make 1 whole e.g. 1/3 plus another 2/3 makes a whole.

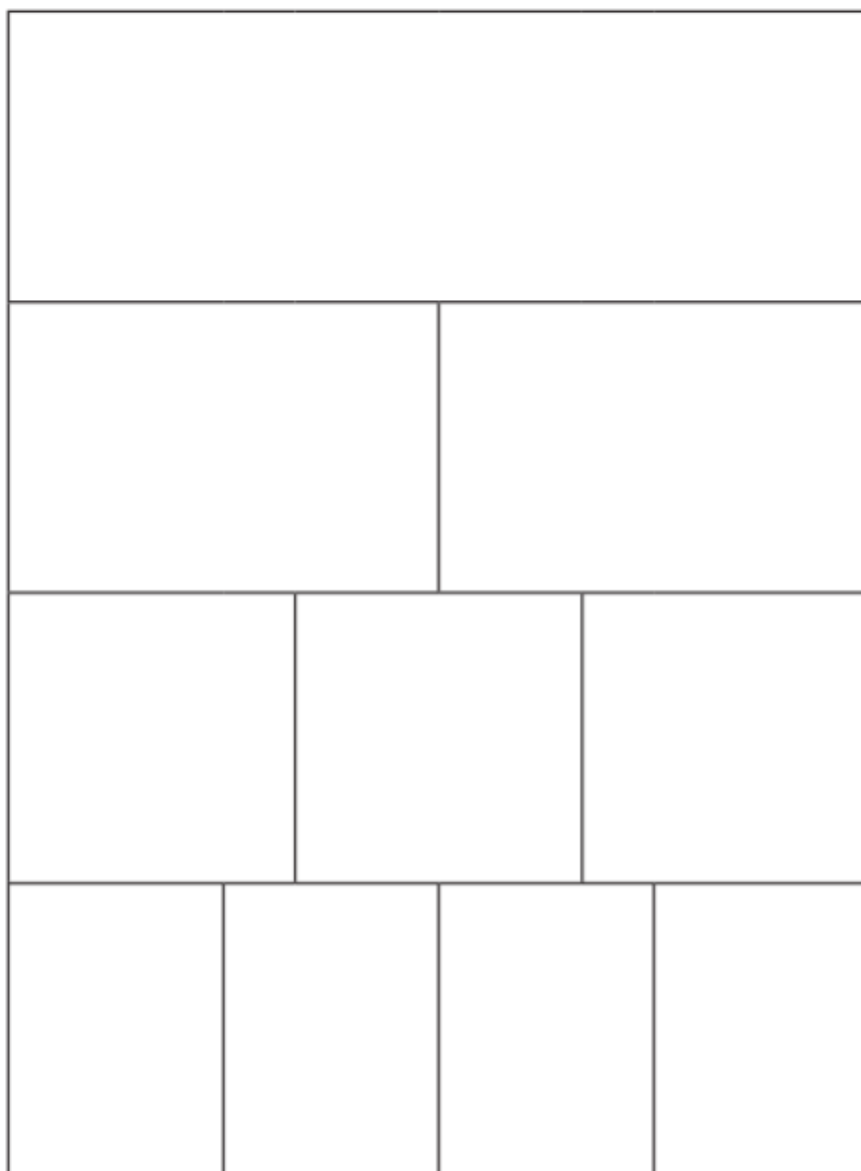| 1 whole			
$\frac{1}{2}$		$\frac{1}{2}$	
$\frac{1}{3}$	$\frac{1}{3}$		$\frac{1}{3}$
$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$
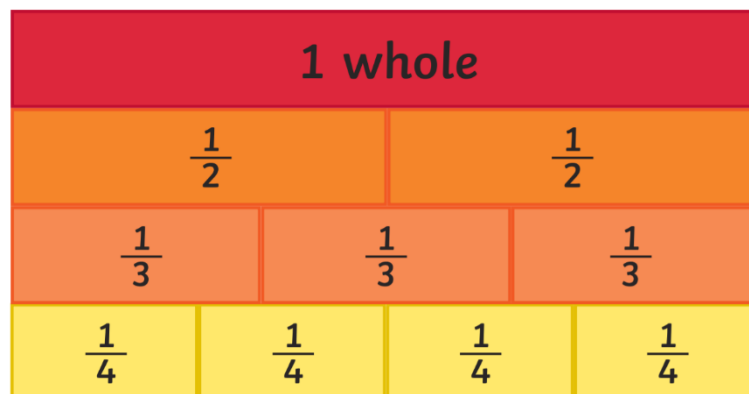
Task 1: Create your own equivalent fraction wall. Before you start, you will need a pencil, scissors and ruler.

(Remember to ask your adult for help with the scissors).

You can have a go at creating this fraction wall: https://www.youtube.com/watch?v=h-9VRC3Ihkg

Or use the template below.

Year 2 Numeracy – Week 2

Week 2 – Day 5

Starter: Which numbers go in the yellow boxes? Can you complete it without filling in the white boxes?

						7			
			14						

LI: To find fractions that make 1 whole e.g. 1/3 plus another 2/3 makes a whole.

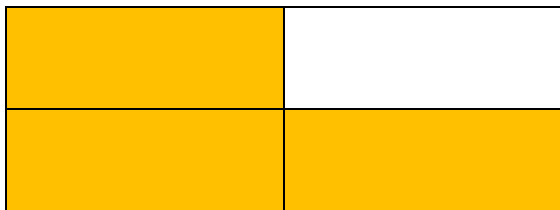Learn about adding fractions here:
https://www.youtube.com/watch?v=rLCheqJh_rQ

Task 1: Look at the shaded fractions below. What fraction do you need to add to make a whole? The first one has been done for you.
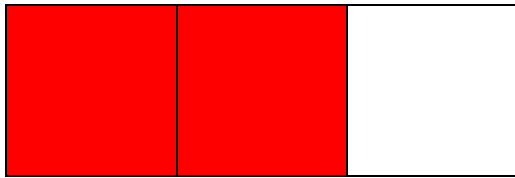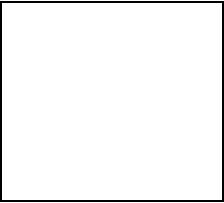
+ 1/3 = 1 whole

_____

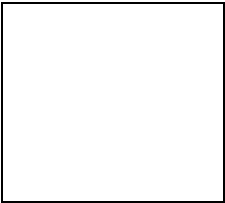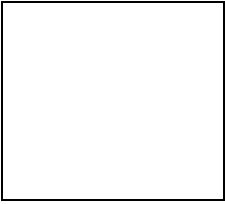_____

_____

_____
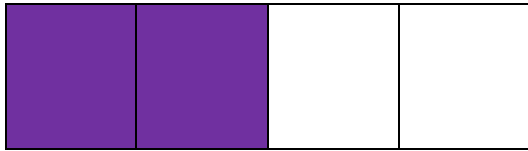
<u>Task 2:</u> Complete the fraction sentences to make $\frac{1}{2}$ a whole.

1. $\Box$ + $\boxed{}$ = I whole

2. $\dfrac{2}{3}$ + $\boxed{}$ = I whole

3. $\dfrac{1}{3}$ + $\boxed{}$ = I whole

4. $\dfrac{2}{4}$ + $\boxed{}$ = I whole

5. $\dfrac{1}{4}$ + $\boxed{}$ = I whole