Year 2 Numeracy – Week 1

Week 1 – Day 1

Starter: Practise saying the 2 times tables then the 4 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 2 and 4 times tables have in common?

LI: To add ones to make multiples of ten.

Learn about multiples of 10 here:

https://www.youtube.com/watch?v=WgqYcTq7JHU

Task 1: Read the word and write down the numeral. The first one has been done for you:

twenty	20
fifty	
eighty	
seventy	
thirty	
one hundred	

Task 2: Fill in the missing numbers to make 100

20 + __ = 100   __ + 30 = 100

40 + __ = 100   100 = __ + 80

__ + 50 = 100   100 = __ + 10

Now try these:

Remember you need 10 tens to equal 100 so...

25 + 75 = 100   20 + 70 = 90   5 + 5 = 10

(90 + 10 = 100)

65 + __ = 100   74 + __ = 100

__ + 21 = 100   18 + __ = 100

56 + __ = 100   100 = __ + 42

Year 2 Numeracy – Week 1

Week 1 – Day 2

Starter: Practise saying the 4 times tables from zero. Then answer the multiplication questions.

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

$4 \times \_\_ = 40$

$4 \times \_\_ = 24$

$4 \times \_\_ = 16$

$4 \times \_\_ = 32$

$4 \times \_\_ = 48$

How long did it take? Record your time and try and beat it tomorrow.

<u>LI: To use my knowledge of number bonds to answer the reasoning questions below.</u>

<u>Task 1:</u>

25 + 85 = 100 Is this correct? Explain why…

12 + 12 cannot equal 20 Explain why this does not work, thinking about your place value work from yesterday.

<u>Task 2:</u> Using the number cards, make 4 number sentences:

Watch this video to help you: https://www.youtube.com/watch?v=aK3FKEZJKec

__ + __ = __

__ + __ = __

__ - __ = __

__ - __ = __

| 19 | 9 | 10 |

__ + __ = __   80   20   100

__ + __ = __

__ - __ = __

__ - __ = __

__ + __ = __   25   75   100

__ + __ = __

__ - __ = __

__ - __ = __

Year 2 Numeracy – Week 1
Week 1 – Day 3

Starter: Practise saying the 4 times tables from zero. Then answer the multiplication questions.

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

$4 \times \_ = 16$

$4 \times \_ = 36$

$4 \times \_ = 20$

$4 \times \_ = 8$

$4 \times \_\_ = 44$

How long did it take? Did you beat your time?

Have a go at finding numbers between 1 and 100:
https://www.topmarks.co.uk/learning-to-count/helicopter-rescue

<u>LI: To add and subtract more than one number at a time.</u> (use the number line below to help you)

Practise subtracting here:

<u>Task 1:</u>

$3 + 2 + 1 =$ $4 + 5 + 2 =$ $6 + 4 + 3 =$

$7 + 3 + 5 =$ $4 + 7 + 3 =$ $9 + 8 + 5 =$

<u>Task 2:</u>

$10 - 3 - 1 =$ $10 - 6 - 4 =$ $12 - 2 - 8 =$

$14 - 3 - 5 =$ $15 - 6 - 4 =$ $18 - 7 - 7 =$
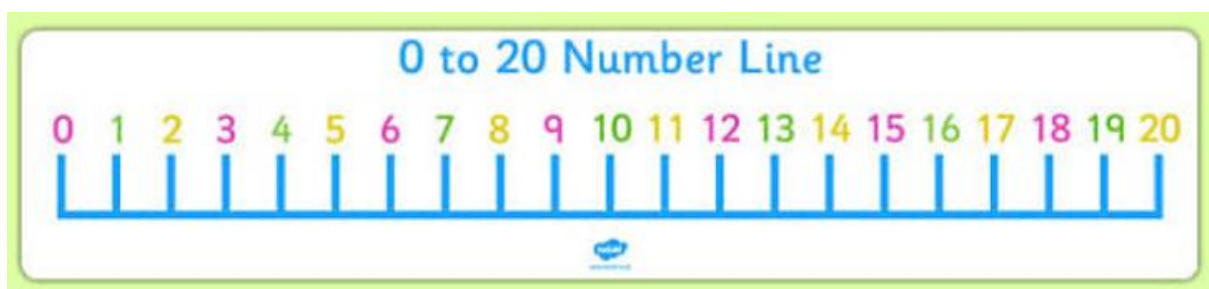
<u>Task 3:</u>

$5 + 4 - 2 =$ $6 + 6 - 2 =$ $5 + 7 - 6 =$

$10 - 5 + 6 =$ $12 - 5 + 4 =$ $7 - 6 + 10 =$

0 to 20 Number Line

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

Year 2 Numeracy – Week 1
Week 1 – Day 4

<u>Starter:</u> Practise saying the 4 times tables from zero. Then answer the division questions.

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

$40 \div 4 = \_\_$

$20 \div 4 = \_$

$16 \div 4 = \_$

$28 \div 4 = \_$

$36 \div 4 = \_$

Practise dividing by 4 here:

https://www.topmarks.co.uk/maths-games/mental-maths-train

<u>LI:</u> To add and subtract more than one number at a time.
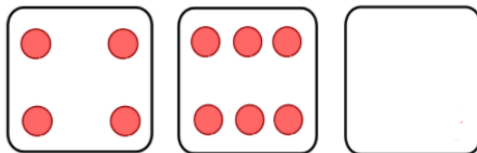
+ **−** **=**

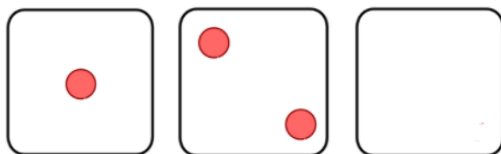<u>Task 1:</u> Use your problem solving skills to read the questions and fill in the missing domino.

1. Sam rolled 3 dice. His total was 13. What was the number on his 3rd die?

2. Anisa rolled 3 dice. Her total was 15. What was the number on her 3rd die?

3. Max rolled 3 dice. His total was 11. What was the number on her 3rd die?

<u>Task 2:</u> Use your problem solving skills to read the questions and decide which are true or false.

Are these number sentences true or false?

73 + 40 = 113
98 - 18 = 70
46 + 77 = 123
92 - 76 = 35

Remember to look at the place value — you might not have to work out each equation...

Give your reasons.

_____

_____

_____

_____

Which of the following are more difficult to work out? Why?

23 + 10 =
93 + 19 =
54 + 9 =
54 + 1 =

_____

_____

_____

_____

Year 2 Numeracy - Week 1
Week 1 - Day 5

Starter: Take this mini arithmetic test. Make sure you look at the symbols and track how long it took you.

2 + 3 =	10 + 10 =	2 x 2 =
4 x 5 =	20 + 30 =	20 - 10 =
55 - 45 =	7 x 5 =	50 ÷ 5 =
54 - 12 =	12 x 12 =	87 - 23 =

LI: To demonstrate knowledge of additive equations.

Task 1: Write the missing symbols (+ - =) in these number sentences:

80 ☐ 20 ☐ 100

100 ☐ 70 ☐ 30

87 ☐ 13 ☐ 100

Task 2: Fill in the equation below using these numbers below

(You can choose one number to make the equations work)

| 3 | 9 | __ |

_ = _ + _

_ = _ + _

_ + _ = _

_ + _ = _

True or false? Explain why...

9 – 4 = 4 – 9

_____

_____