Pendragon Class

Year 2

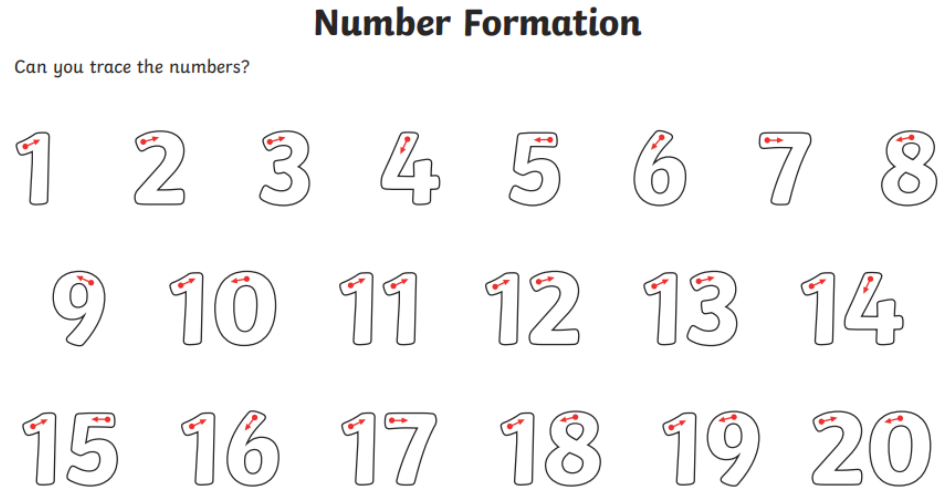
Maths

Learning Pack 3

We have created a task for you to complete each day and have labelled them so you know what is being done in school. Please feel free to do more if you and your child would like to do so. We hope you enjoy the tasks we have set for you.

Resources to help

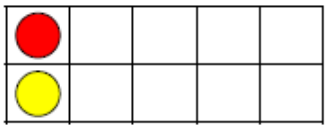
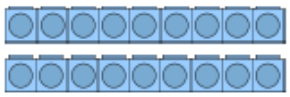
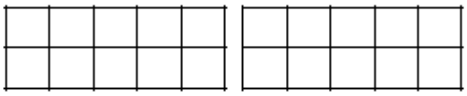
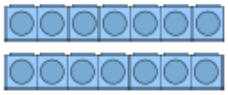
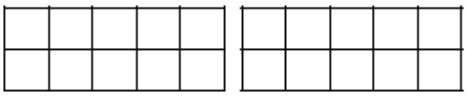
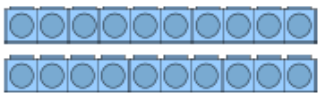
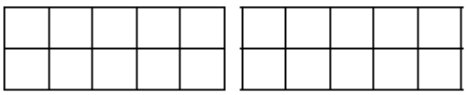
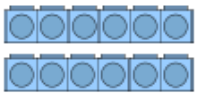
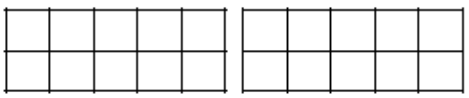
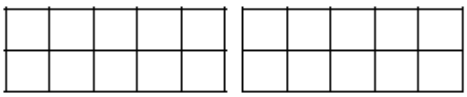
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100



Week 1 Monday – Doubles

Double representations ★★★

Complete the table below. Part of the first one has been completed for you.

Build	Represent	Add	Double
		1 + 1 = 2	Double ____ is ____
			Double ____ is ____
			Double ____ is ____
			Double ____ is ____
			Double ____ is ____
			Double ____ is ____

Continued on the next page.

Complete the table by doubling each number.

1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

Challenge

Double 12 =

Double 14 =

Double 20 =

Double 30 =

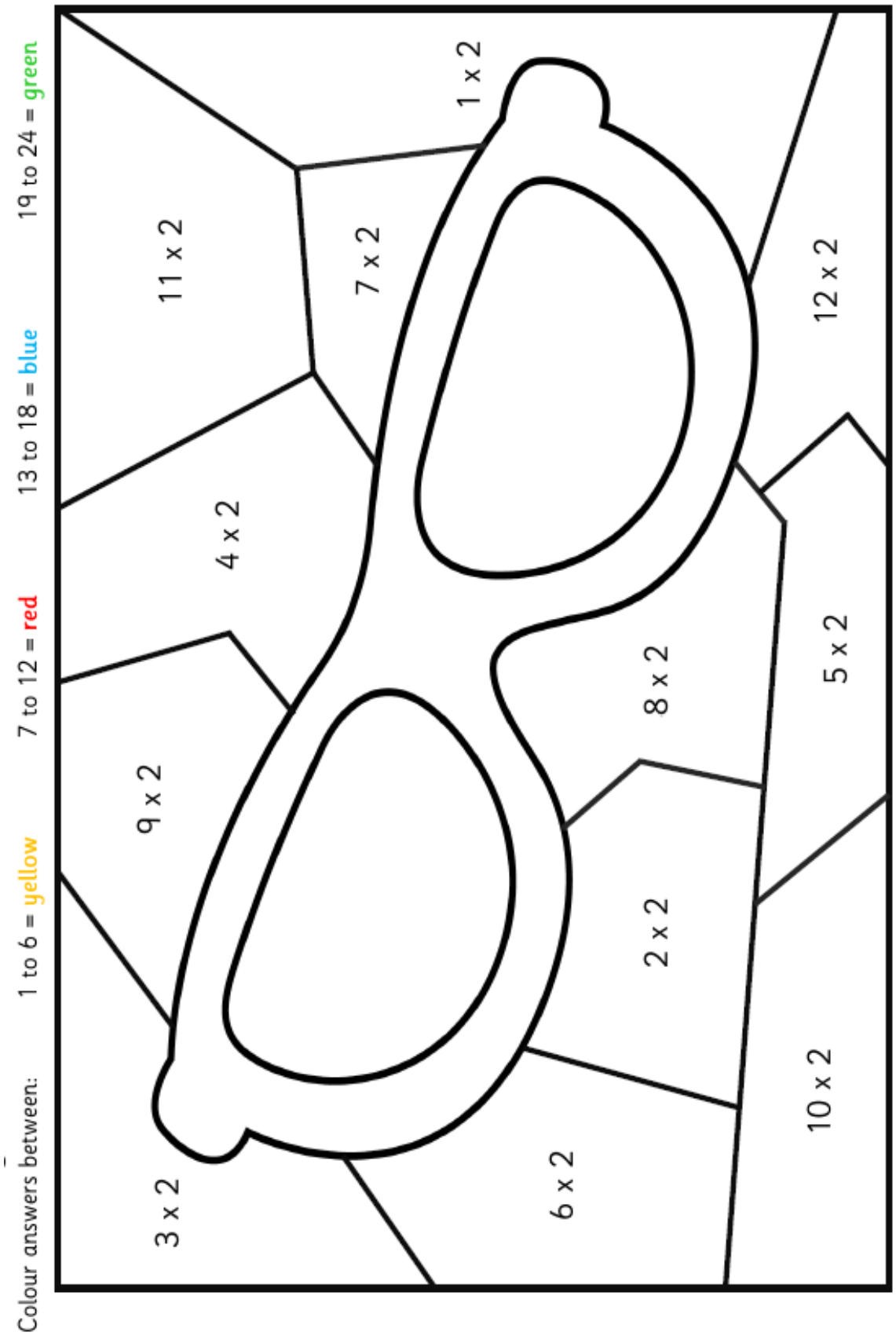
Double 25 =

Double 35 =

Double 45 =

Double 50 =

Tuesday- 2xs tables



Wednesday – 5xs tables

Reasoning and problem solving challenge cards:

Every number in the 5 times table is odd.

Is Rob correct?
Explain your answer.

Biscuits come in packs of 2 and 5.

Sue has 12 biscuits.

How many of each pack could she have?

Sweets come in packs of 5.

Matt has 18 sweets.

How many full packs are there and how many left over?

Pens come in packs of 5 and 10.

Beth has 25 pens.

How many of each pack could Beth have?

Ben and Jess have both drawn bar models to show 3 x 5.

Ben

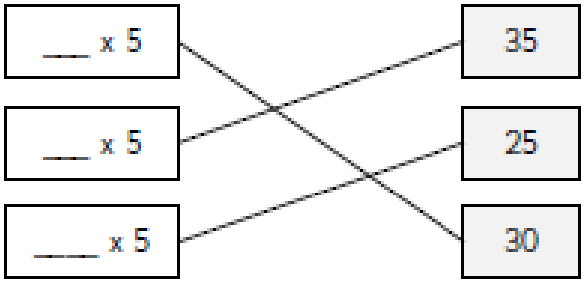
15		
5	5	5

Jess

15				
3	3	3	3	3

What is the same and what is different?

Complete:



Draw your own bar models to represent:

3 lots of 5

5 lots of 5

9 lots of 5

Thursday – 10xs tables

Reasoning and problem solving challenge cards:

Kim swims 10 lengths of the swimming pool 5 times.

Tick (✓) the calculations that **do not** describe the word problem.

A) 10 + 5
B) 10 x 5
C) 5 + 5 + 5 + 5 + 5
D) 10 + 10 + 10 + 10 + 10

Help Beth complete the following problem.

1 x 10		6 x 5

smallest → greatest

How many ways can this be completed?

Tick (✓) the calculations that show:
5 lots of 7.

A) 10 + 7
B) 7 + 7 + 7 + 7 + 7
C) 10 + 10 + 10 + 10 + 10 + 10 + 10
D) 10 x 7

There are 90 marbles.

How many jars are there?

Explain how you know.

Matt runs 10 metres 4 times.

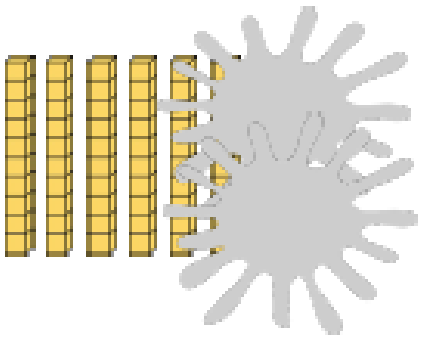
Tick (✓) the calculations that **do not** describe the word problem.

A) 10 x 4
B) 10 + 10 + 10 + 10
C) 10 + 4
D) 4 + 4 + 4 + 4

Some Base 10 has been hidden by ink spills.

The total is less than 100.

What could the calculation be?



_____ x 10 = _____

Che has created a number track counting up in 10s from 40.

40	50	60	70	80	100	110

What mistake has Che made?

Sue says it could be 10 x 10. Is Sue correct? Explain your answer.

Friday – Making equal groups (sharing)

1 Share the objects equally.

a 8 apples between two baskets.

There are _____ apples altogether.

There are _____ baskets.

There are _____ apples in each basket.

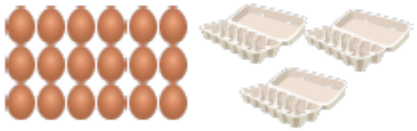
b 10 stamps between two envelopes.

There are _____ stamps altogether.

There are _____ envelopes.

There are _____ stamps on each envelope.

c 18 eggs between three boxes.



There are _____ eggs altogether.

There are _____ boxes.

There are _____ eggs in two boxes.

d 9 doughnuts between three plates.

There are _____ doughnuts altogether.

There are _____ plates.

There are _____ doughnuts on each plate.

2 Share the objects.

15 marbles between three jars.

☐ ÷ ☐ = ☐

12 marbles between three jars.

☐ ÷ ☐ = ☐

Week 2 Monday – Continued from Friday's task

1 Write a number sentence to show the answer.

a Pete has 15 sweets that he shares equally between 3 friends.

15 ÷ 3 = _____ for each friend.

b Zoe has 12 buttons that she needs to share between 3 shirts.

_____ ÷ _____ = _____ buttons for each shirt.

c Jan has 20 oranges that she needs to share between 5 bowls.

_____ ÷ _____ = _____ in each bowl.

d Andy has 16p that he needs to share equally between 8 friends.

_____ ÷ _____ = _____p for each friend.

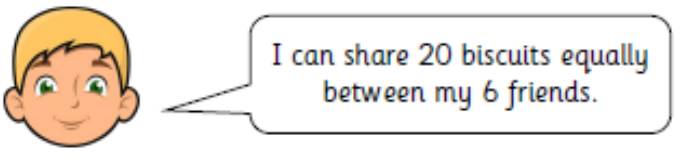
e Angie has 18 marbles that she shares equally between 3 jars.

_____ ÷ _____ = _____ in each jar.

f Tim has 9 cupcakes that he shares equally between 3 friends.

_____ ÷ _____ = _____ for each friend.

2 Ben says,



Is Ben correct? Explain your answer.

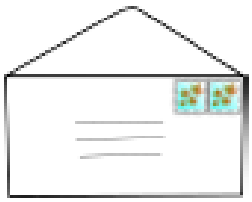
_____

_____

Tuesday - Making equal groups (grouping)

1 Group the objects equally.

a Stamps come in packs of 10. We need to put 2 stamps on each envelope.
How many envelopes will we need?



There are _____ stamps altogether.

There are _____ stamps on each envelope.

We need _____ envelopes.

b Apples come in packs of 8. We need to put 4 apples in each basket.
How many baskets will we need?

There are _____ apples altogether.

There are _____ apples in each basket.

We need _____ baskets.

c Sweets come in packs of 30. We need to put 6 sweets in each jar.
How many jars will we need?

There are _____ sweets altogether.

There are _____ sweets in each jar.

We need _____ jars.

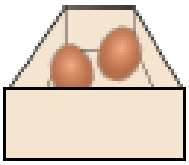
d Doughnuts come in packs of 15. We need to put 5 doughnuts on each tray.
How many trays will we need?

There are _____ doughnuts altogether.

There are _____ doughnuts on each tray.

We need _____ trays.

e Eggs come in packs of 20. We need to put 2 eggs in each box.
How many boxes will we need?



There are _____ eggs altogether.

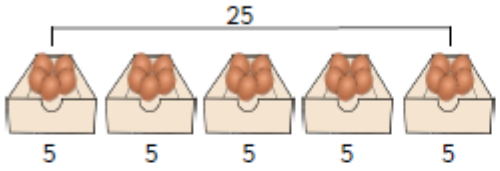
There are _____ eggs in each box.

We need _____ boxes.

Wednesday- Continued from Tuesday's lesson

1 Complete the calculations.

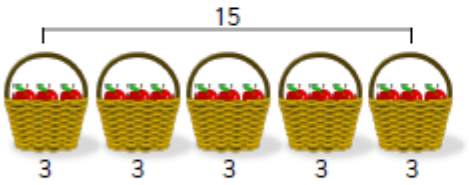
a Pam has 25 eggs. She puts 5 eggs in each box.
How many boxes can she fill?



□ ÷ □ = □

□ x □ = □

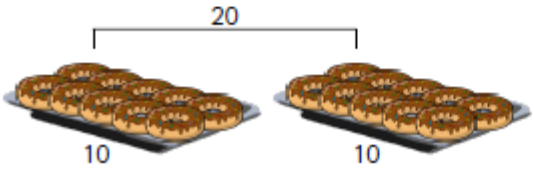
b Joe has 15 apples. He puts 3 apples in each basket.
How many baskets can he fill?



□ ÷ □ = □

□ x □ = □

c Mark has 20 doughnuts. He puts 10 doughnuts on each tray.
How many trays can he fill?



□ ÷ □ = □

□ x □ = □

2 Use a number line to help you answer the following questions.

a How many equal groups of 5 can you make from 10? _____

b How many equal groups of 5 can you make from 25? _____

c How many equal groups of 10 can you make from 100? _____

d How many equal groups of 2 can you make from 20? _____

e How many equal groups of 5 can you make from 20? _____

Thursday- Dividing by 2

1 Complete the calculations and stem sentences.

a

20	÷		=	
	x	2	=	

I have _____ bananas altogether.
There are _____ in each group.
There are _____ groups.

b

12	÷		=	
	x	2	=	

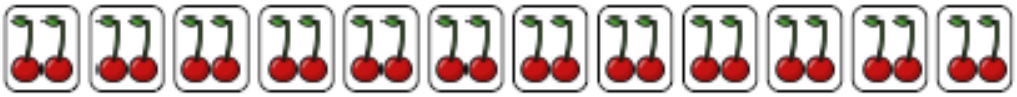
I have _____ lemons altogether.
There are _____ in each group.
There are _____ groups.

c

16	÷		=	
	x	2	=	

I have _____ pears altogether.
There are _____ in each group.
There are _____ groups.

d



24	÷		=	
	x	2	=	

I have _____ cherries altogether.
There are _____ in each group.
There are _____ groups.

e

30	÷		=	
	x	2	=	

I have _____ acorns altogether.
There are _____ in each group.
There are _____ groups.

Friday- Odd and Even numbers

1 Colour the **odd** numbers.

28	47	3	17	18	24	8
11	14	43	37	40	31	26
18	15	4	7	12	29	41

2 Colour the **even** numbers.

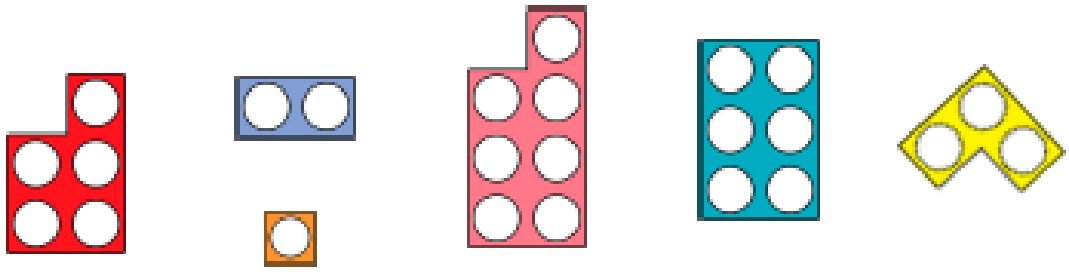
32	50	25	33	38	26	19
49	14	1	6	10	39	42
48	45	30	22	13	36	21

3 Complete the sentences below using **odd** and **even**.

a _____ numbers can be shared between 2 equally.

b _____ numbers cannot be shared between 2 equally.

4 Circle the number frames that are **odd**.



5 Write whether each number is **odd** or **even**.

a 15 _____ c 7 _____

b 2 _____ d 12 _____