Plattsburg Public School Learning from Home

Purple Numeracy

Awabakal

Dear parents,

If any task is proving difficult your child may leave it and move on. There is no need to cause frustration in the house.
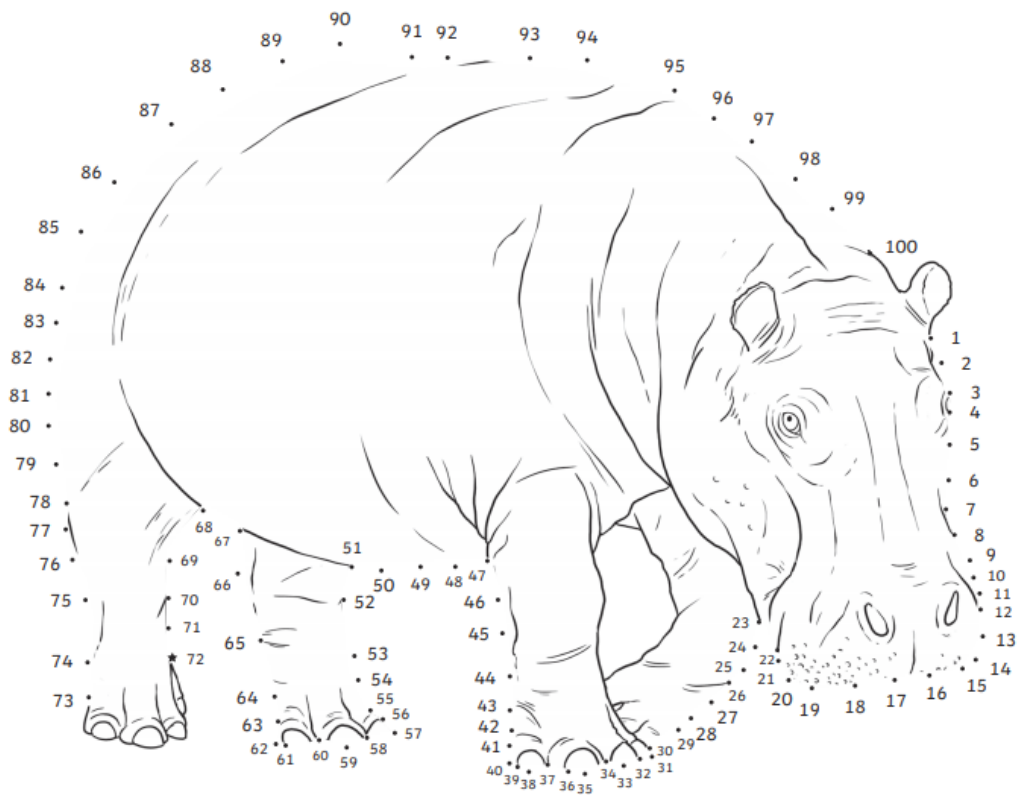
If the Physical Challenge is exhausting, please stop.

Hopefully see you all soon.

Mr H

Monday

South African Animal dot-to-dot to 100

Physical Challenge: Make it, Build it Relay. Go to the last page of this booklet for what you need.

Code

Skip count on by 2's

How did you get there - Number Sentence

Written as Words

PLUS ONE

TAKE 10

20

PLUS 10

TAKE ONE

Xavier eats 6 apples on Monday, 4 on Tuesday and 3 on Wednesday. How many did he eat in total?

34+5 =

42-3 =

31+6 =

Complete the following sequences:

a) 24, 26, ___, 30, ___, ___, 36, 38

b) 20, 30, 40, ___, ___, ___, ___, 90

c) 55, 50, 45, ___, ___, 30, 25, ___

d) 40, 38, ___, 34, 32, ___, 28, ___

Mum bought 20 pears from the shops. 4 were rotten and 5 had dropped out of the bag. How many pears were there left to eat?

Count how much money you have.

Mr. Dimmers eats 4 bowls of cereal each morning. How many bowls will he eat in 3 mornings?

COUNTING OBJECTS
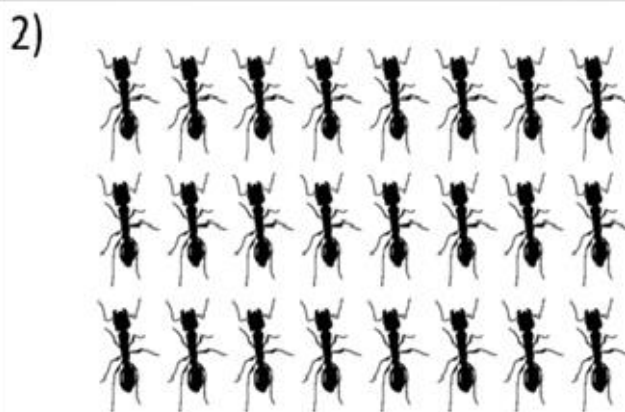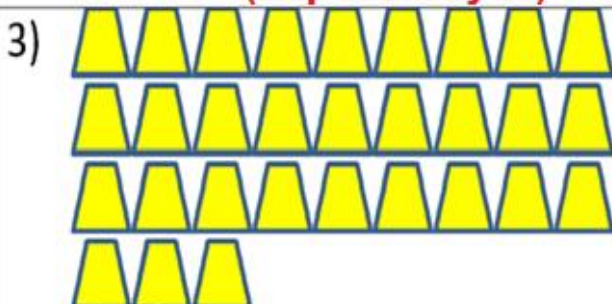
Count the amount in each question. We can group items into groups of 2s, 5s or even 10s to help when counting. Explain to an adult or older sibling how you grouped these.

1)
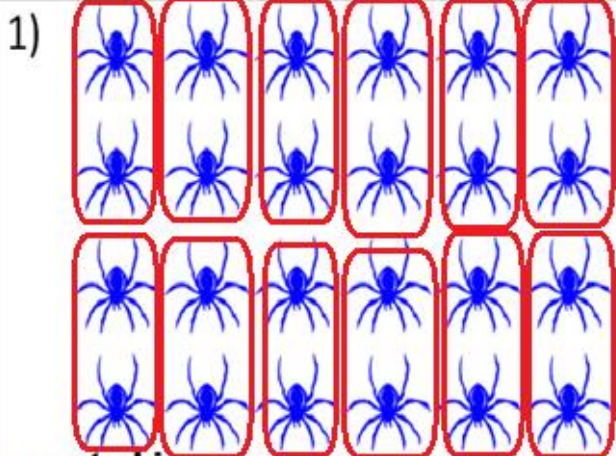
counted in groups of **2** (skip count by 2s)   Total items **24**

2)

counted in groups of _____   Total items _____
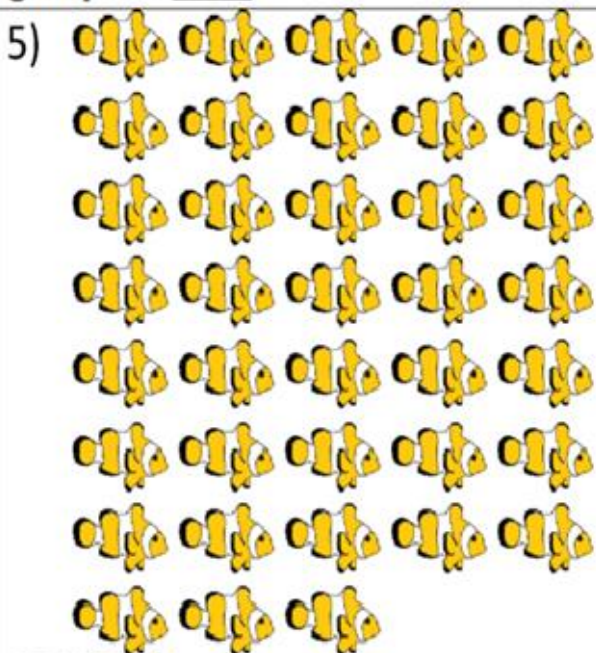
3)

counted in groups of _____   Total items _____

4)

counted in groups of _____   Total items _____
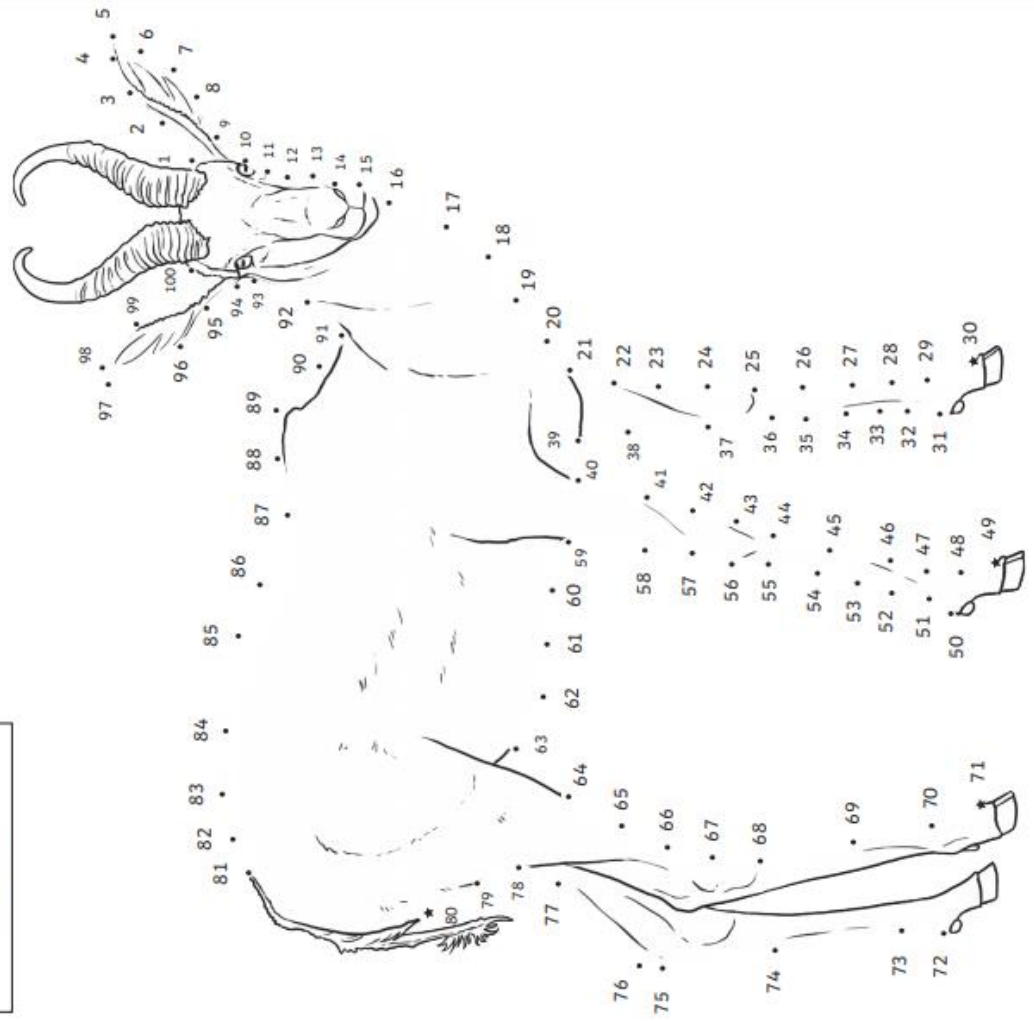
5)

counted in groups of _____   Total items _____

6)
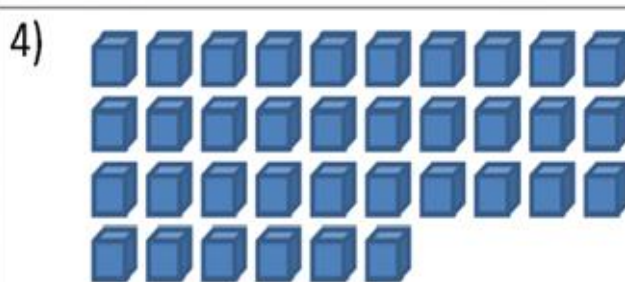
counted in groups of _____   Total items _____

Fill in the missing numbers in this 100s chart

1	2		4	5		7		9	10
11	12	13		15	16			19	
21			24		26		28		30
		33	34	35		37		39	40
41	42			45		47			50
	52	53		55	56	57		59	60
61		63	64		66	67	68		70
71	72	73	74	75		77		79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Tuesday

South African Animal dot-to-dot to 100

Tip:
When you get to a ★, lift your pencil and find the next number to start again

Code

Skip count on by 2's

How did you get there - Number Sentence

Written as Words

PLUS ONE

TAKE 10

56

TAKE ONE

PLUS 10

Bella bought 20 cookies and gave away 8 of them. How many does she have left?

51+4 =

36-5 =

21-4 =

Mr. Harvey drinks 5 bottles of water in one day. How many bottles will he drink in 2 days?

Count how much money you have.

10 leaves fall from the tree every hour. How many leaves will fall in 3 hours?

Complete the following sequences:

a) 35, 40, ___, ___, 55, ___, 65, 70, ___

b) 90, 80, 70, ___, ___, 40, ___, 20, 10

c) 42, 44, 46, ___, 50, ___, 54, ___, 58

d) 30, 28, ___, 24, 22, ___, 18, ___, 14

Minute 26

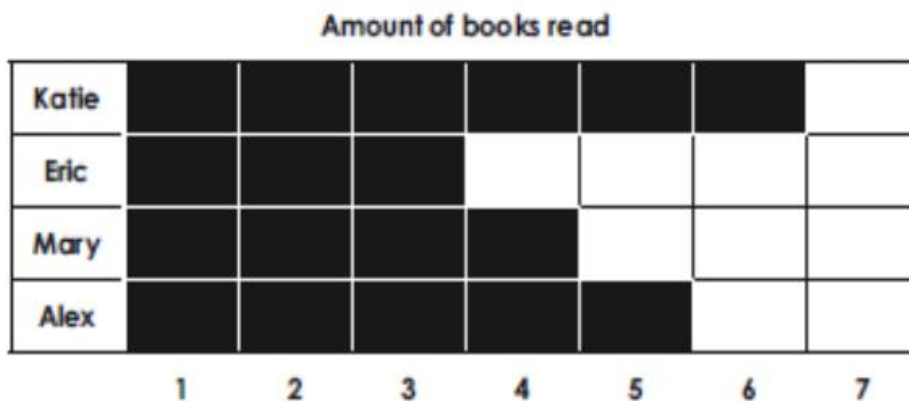Name: .... Date: ....

1. Complete the fact family. $9 + 5 = 14$ $14 - 5 = 9$

    $5 + ... = 14$ $14 - 9 = 5$

2. $4 + \boxed{} = 7$

For Questions 3 and 4, write the missing number.

3. 30, ..., 36, 39, 42

4. 40, ..., 60, 70, 80

Use the bar graph to complete Questions 5 to 7.

Amount of books read

	1	2	3	4	5	6	7
Katie	■	■	■	■	■	■	
Eric	■	■	■				
Mary	■	■	■	■			
Alex	■	■	■	■	■		

5. Who read four books? ....

6. Who read the most books? ....

7. How many more books did Alex read than Eric? .... more books

8. Write the number **thirty-five**. ....

9. $17 - 9 = $ ....

10. $12 + 9 = $ ....

Going Bananas! (Addition)

Solve the number problems on the monkeys. Then join each monkey up to its banana. Use the number line to help you – remember to count on from the biggest number.

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

18

6 + 9 =

14

8 + 8 =

7 + 8 =

15

6 + 6 =

14

9 + 9 =

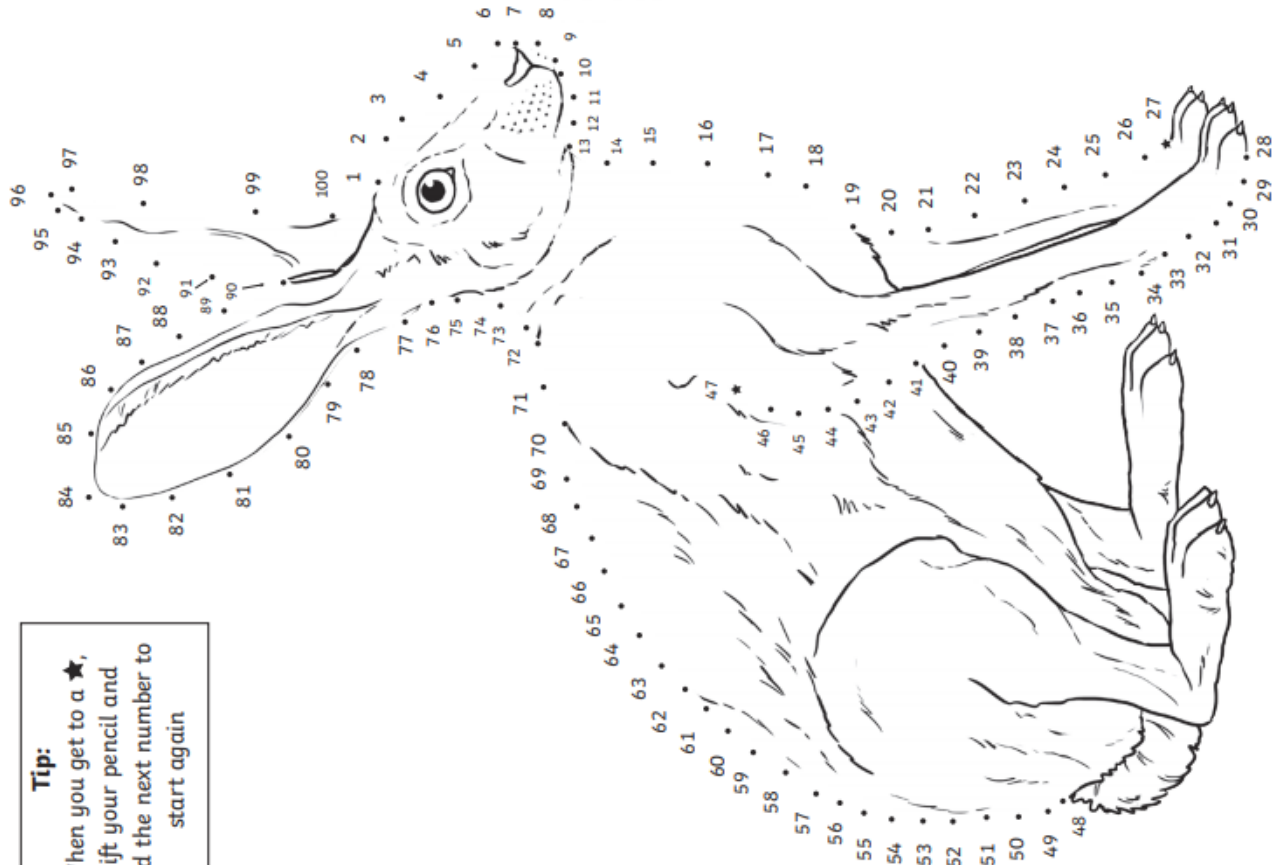15

16

7 + 7 =

8 + 5 =

9 + 5 =

12

13

Physical Challenge: Hot Potato. Use your open hands to hit a pair of rolled up socks into the air. Each time you hit the socks you get a point. How many points did you score before dropping the socks? _____

Wednesday

South African Animal dot-to-dot to 100

Tip:
When you get to a ★, lift your pencil and find the next number to start again

Code

Skip count on by 2's

How did you get there - Number Sentence

Written as Words

PLUS ONE

TAKE 10

34

PLUS 10

TAKE ONE

Laicy buys 14 slices of pizza. She has eaten 5 slices already. How much is left?

34+5 =

39+4 =

43+6 =
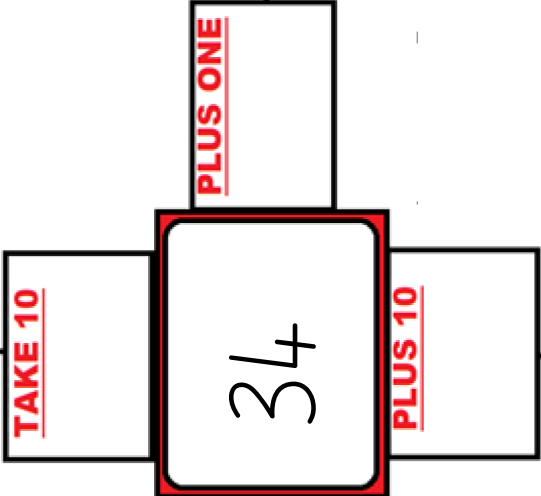
Mum needs to buy 3 new lunchboxes. They cost $5. How much money will she spend?
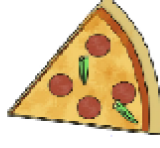
Count how much money you have.

Tony eats 7 wraps on Friday, 3 on Saturday and 5 on Sunday. How much did he eat in total?
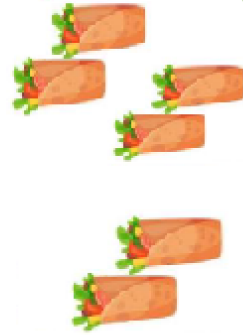
Complete the following sequences:

a) 12, 22, 32, ___, 52, 62, ___, 82,

b) 15, 20, ___, ___, 35, 40, ___, 50, ___,

c) 36, 38, ___, 42, 44, ___, ___, 50, 52

d) 60, 55, 50, ___, ___, 35, ___, 25, 20

Counting in 5s Mazes

Help the rabbit find the path through the mazes to the carrots by counting on in fives from zero. **Draw a line as you go to keep track**

	0	5	10	20	45	5	10
	30		15		15		25
40	10	50	20	25	30	5	15
	15		35		35	40	

	10	15		20	45	5	10
0		50	10	5		30	
5	25	50	25	30	35	50	0
10	15		35	40	45	50	45
5	20	25	30		40		30

Challenge

Complete this sequence.

0   5   ☐   15   20   ☐   30   ☐   40   45   ☐

SKIP COUNTING

1. Count by 2s to 100 and colour the numbers in blue. Count by 4s to 100 and circle the numbers. Count by 5s to 100 and X the numbers.

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

2. Fill in the missing numbers. You may like to use the number chart to help you.

(a) 2, 4, __6__, _____, 10, _____, 14, 16, __18__, _____, 22, _____, 26, _____, 30, _____, 34,

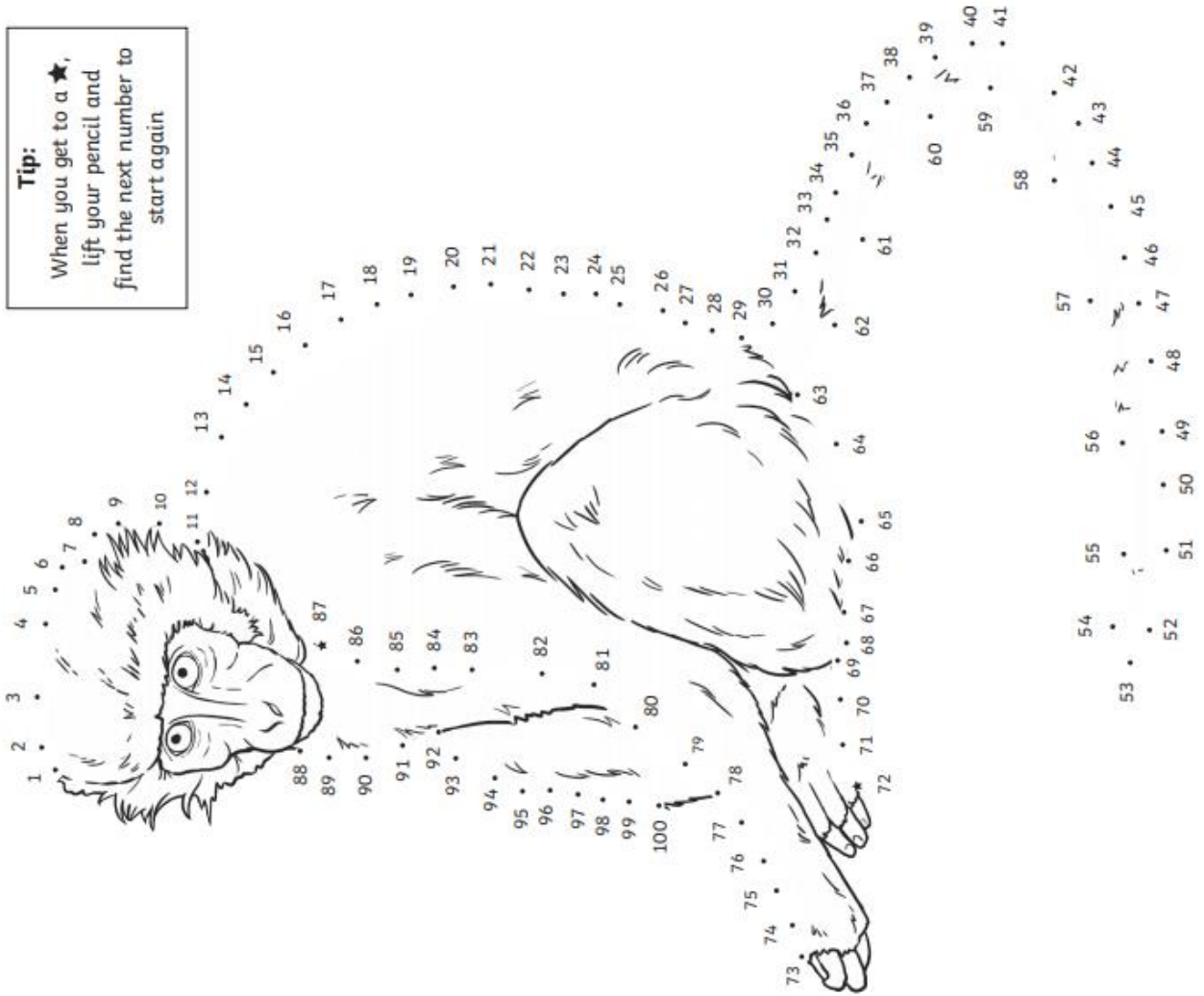_____, 38, 40, _____, 44, _____, 48, _____, 52, 54, _____, 58, 60,

(b) 5, 10, _____, 20, _____, 30, 35, _____, 45, _____

Thursday

South African Animal dot-to-dot to 100

Tip:
When you get to a ★, lift your pencil and find the next number to start again

Code

Skip count on by 2's

PLUS ONE

TAKE 10

28

PLUS 10

TAKE ONE

How did you get there - Number Sentence

Written as Words

Jack eats 2 sandwiches every day. How many will he eat in 4 days?

27+4 =

38-5 =

46-3 =
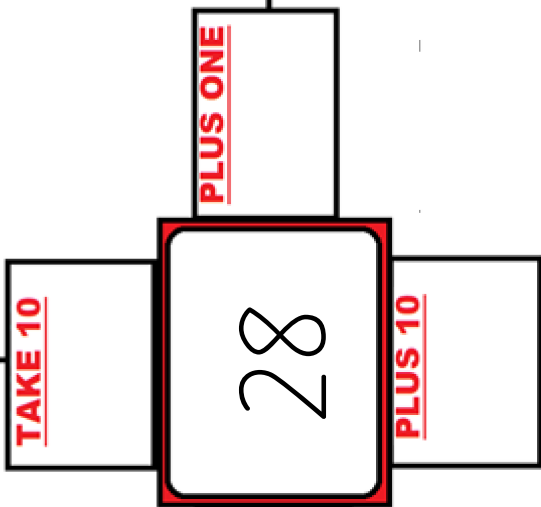
Mrs. Grace gets 12 flowers on her birthday and another 6 for Christmas. How many did she get in total?

Complete the following sequences:

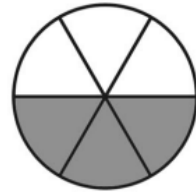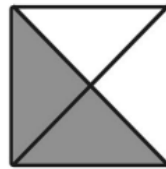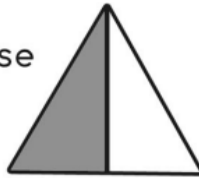a) 30, 35, ___, 45, ___, 55, 60, ___, 70

b) 14, 16, ___, 20, 22, ___, ___, 28,

c) 90, 80, ___, 60, ___, 40, ___, 20, 10, 0

d) 50, 45, ___, ___, 30, 25, ___, 15, 10

Count how much money you have.

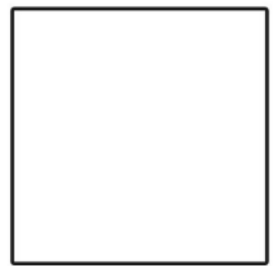You have invited 13 friends to your party and 4 of them are too sick. How many friends will be able to come?
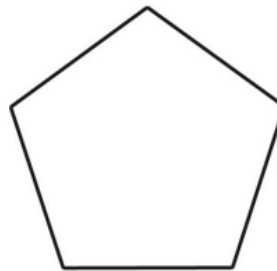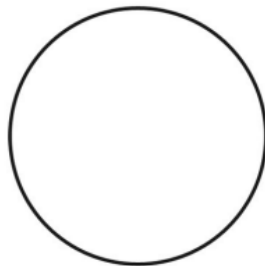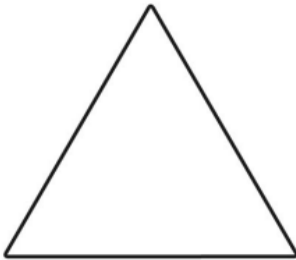
ONE HALF

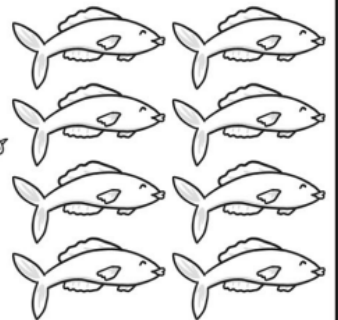One half can be written $\frac{1}{2}$ or $\frac{2}{4}$ or $\frac{3}{6}$ or $\frac{4}{8}$

One half of each of these figures is shaded:

Colour one half of each of these shapes:

Colour one half of each of these groups of animals:
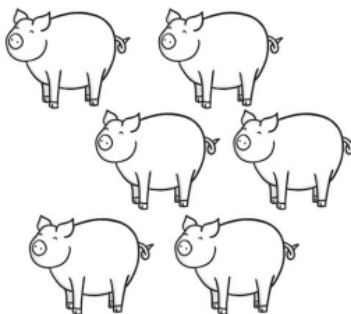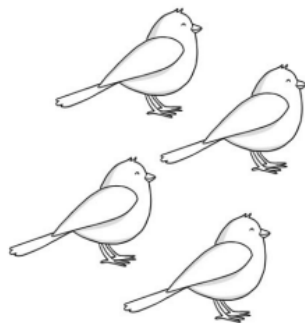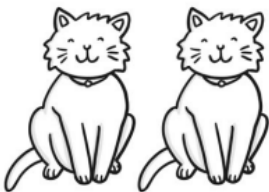
What number is half of 2? _____   What number is half of 8? _____

What number is half of 4? _____   What number is half of 10? _____

What number is half of 6? _____   What number is half of 20? _____

Physical Challenge: "Friends of 10 Clean Up". Have someone say 2 numbers, if those 2 numbers are friends of 10, race off and put something you have left out back where it goes. Too easy? Do Friends of 20 again or Friend of Any 10.
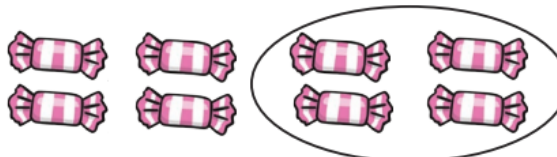
Fractions of Amounts

Find half of these amounts. Use counters or buttons to help, or draw a circle around half to find the answer. The first one has been done for you.

half of **8** is **4**

8 sweets

$\frac{1}{2}$ of **8** = **4**
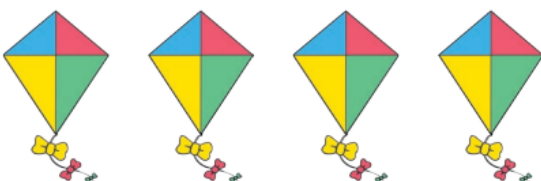
half of [ ] is [ ]

[ ] kites

$\frac{1}{2}$ of [ ] = [ ]

half of [ ] is [ ]

[ ] cats

$\frac{1}{2}$ of [ ] = [ ]

half of [ ] is [ ]

[ ] flowers

$\frac{1}{2}$ of [ ] = [ ]

half of [ ] is [ ]

[ ] trees

$\frac{1}{2}$ of [ ] = [ ]

half of [ ] is [ ]

[ ] stars

$\frac{1}{2}$ of [ ] = [ ]

Friday

South African Animal dot-to-dot to 100

Tip:
When you get to a ★, lift your pencil and find the next number to start again

Code

Skip count on by 2's

How did you get there - Number Sentence

Written as Words

PLUS ONE

TAKE 10

62

PLUS 10

TAKE ONE

A watermelon costs $6. How much would two watermelons cost?

10+8 = ▢

30+8 = ▢

20-5 = ▢
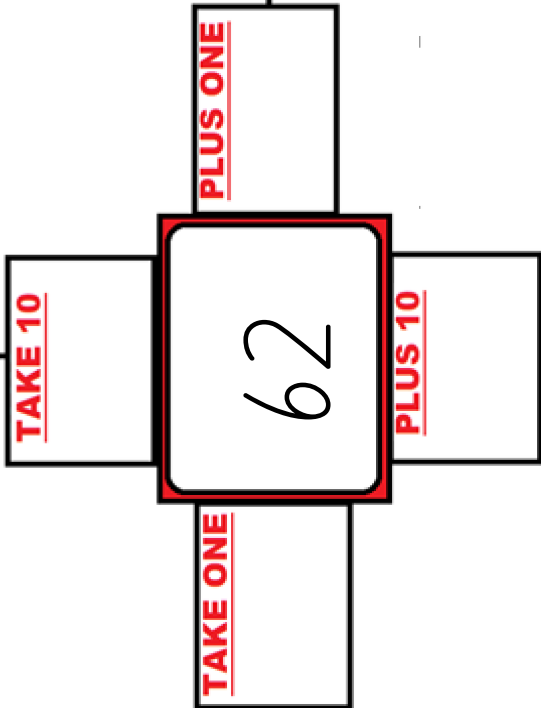
Lucy buys 20 bananas. She has already eaten 7. How many are left?

Count how much money you have.

A big duck costs $10 and a little duck costs $7. How much will it cost for both ducks?

Complete the following sequences:

a) 32, 30, ___, 26, 24, ___, ___, 18, 16

b) 10, 20, ___, ___, 50, ___, 70, ___, 90

c) 25, 30, ___, 40, 45, ___, 55, 60, ___

d) 20, 22, 24, ___, ___, 30, 32, ___, 36

I can make the number you say.

Physical Challenge: Number Race: Set out your number cards at one end of the room or yard if your allowed outside. Have an adult say any number. You need to race to your card and build that number

Write the numbers you made.

Cut out these cards to then make the numbers.

0	1	2	3	4
5	6	7	8	9
0	1	2	3	4
5	6	7	8	9

Reading a Calendar

September 2021

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
		1 First Day of Spring	2	3	4	5 Fathers Day
6	7	8	9 Broken Heel Festival Starts	10	11	12
13 Broken Heel Festival Ends	14	15	16	17	18	19
20	21	22	23	24	25	26
27 Queen's Birthday Holiday (WA)	28	29	30			

Look at the calendar above and answer the questions.

1. On which day of the week is the first day of Spring?

_____

2. How many Friday's are there in September?

_____

3. What event is held on the 5th of September?

_____

4. The Broken Heel Festival starts on the 9th of September, what date does it finish?

_____

5. How many days are there is September?

_____

6. Is your birthday or someone's birthday that you know of in September? Mark it on the calendar above if so!

Days in the Month

How many days are there in each month?
Read the poem and then use it to complete the table.
Ask an older person to help you practice the poem and see if you can remember it.

Thirty days in September,

April, June and November;

February has twenty-eight

All the rest have thirty-one.

Except in Leap Year,

that's the time

When February has twenty-nine.

Month	Number of Days	Month	Number of Days
January		July	
February		August	
March		September	
April		October	
May		November	
June		December	

Well done! You have completed all Maths work for this week. The next page is optional for those who want to keep their brains busy! Have a wonderful weekend and stay safe!

Monday

1. 4 + 6 = _____

2. 9 + 6 = _____

3. 7 − 4 = _____

4. 664 = _____ hundreds, _____ tens, _____ ones.
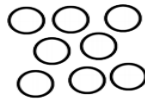
5. Complete this counting pattern:
1, 3, 5, 7, _____ , _____ , _____

6. If there were 10 fans at a tennis game, 2 were wearing purple and the rest were wearing light blue, how many were wearing light blue? _____
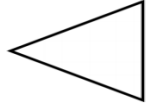
7. What does 2 plus 9 equal? _____

8. Colour in half of these circles.

9. At 1 o'clock, the hour hand points to _____ .

10. How many sides does a triangle have?

Tuesday

1. 8 + 7 = _____

2. 1 − 1 = _____

3. 7 + 3 = _____

4. Write these numbers in order from largest to smallest: 62, 35, 81, 25. _____

5. Complete this counting pattern:
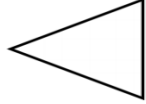1, 11, 21, 31, _____ , _____ , _____

6. What is the sum of 1 and 1? _____

7. Colton has 4 peaches. If Colton buys 7 more peaches, how many peaches does he have altogether? _____

8. Colour in half of this shape:

9. At 7 o'clock, the hour hand points to _____ .

10. How many sides does a triangle have?

Wednesday

1. 8 + 4 = _____

2. 1 + 6 = _____

3. 8 − 3 = _____

4. Write these numbers in order from largest to smallest: 35, 32, 87, 17. _____

5. Complete this counting pattern:
7, 12, 17, 22, _____ , _____ , _____

6. Take 6 away from 8: _____

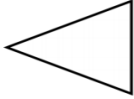7. I bought 4 pieces of LEGO and was given 2 more pieces of LEGO. How many pieces of LEGO do I now have? _____

8. Colour in half of these stars.

9. What digital time does the clock show? _____

10. What is the name of this shape?
_____

Thursday

1. 2 − 1 = _____

2. 6 + 6 = _____

3. 7 + 4 = _____

4. What is the number in the tens place in 42? _____

5. Complete this counting pattern:
2, 12, 22, 32, _____ , _____ , _____

6. If 14 buses are parked, 8 are gold and the rest are silver, how many are silver? _____

7. Layla has 2 toy racing cars. Adam has 10 toy racing cars. How many more toy racing cars does Adam have? _____

8. 20 cents + $2.00 = _____

9. At 1 o'clock, the hour hand points to _____ .

10. How many sides does a rectangle have?

Make it, Build it Relay.

Carefully cut or tear out the MAB blocks and number cards.

Lay the MAB blocks out at one end of the room/area you are working. Lay the number cards out at the other end. Have an adult say a number. You need to race off and build that amount using the tens and ones MAB blocks. Then race off and show that number on the number cards.
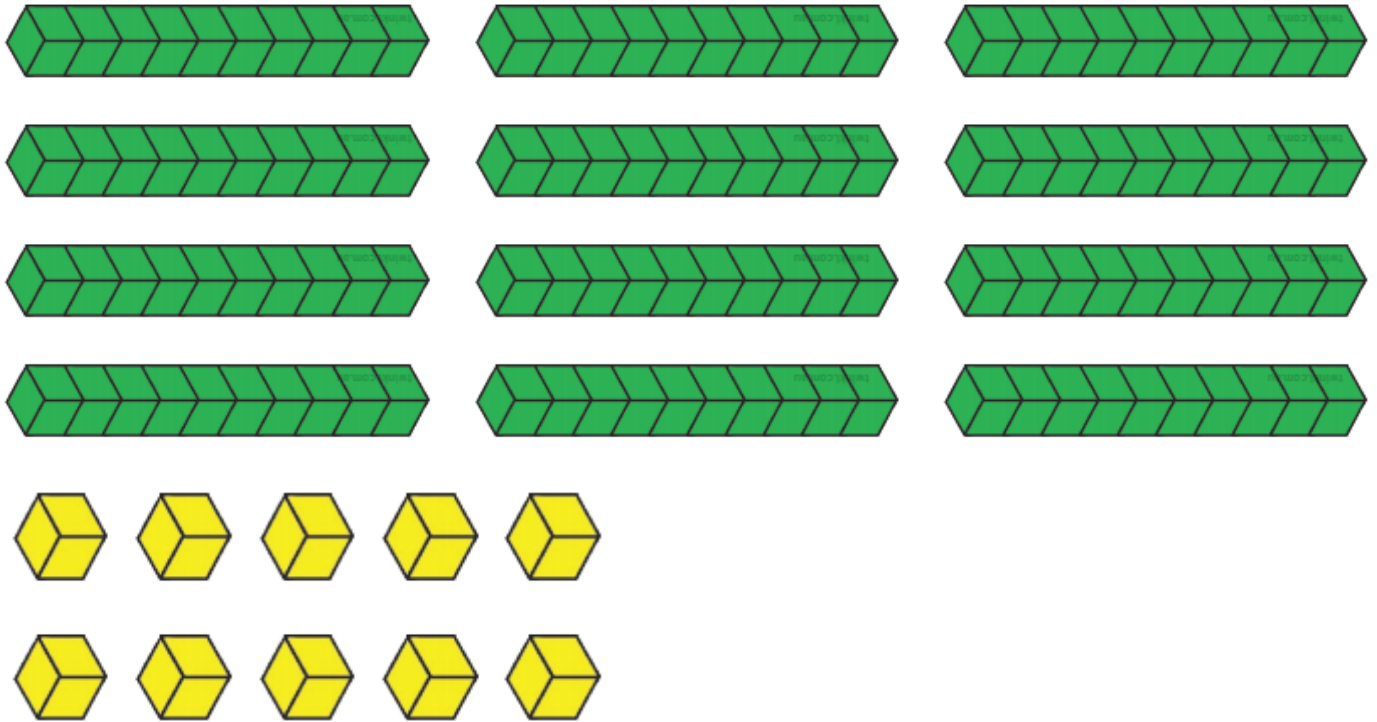
0	1	2	3	4
5	6	7	8	9

Something Extra!

Lawn Darts

If you are allowed outside this is a great addition or subtraction game.

-Using clothes pegs, peg the numbers 0-9 on their own peg and place them on the grass.

-0 is the closest, then 1, then 2 and so on. Each number should be 1 step further away from the throwing spot.

-Each player has 3 pegs to throw at the numbers.

-If the peg you throw hits a number, you get that many points.

-Once you have thrown all 3 pegs add the amounts together.

-The first player to get exactly 21 points wins.

(Too easy increase the winning target to 50)

-This can be reversed to subtraction.

-Each player starts at 21 points.

If you hit a number than subtract that from your total.

The first player to get exactly 0 wins.

Carpet Bowls

-The same as 'Lawn Darts' but played inside with rolled up socks.

-The socks need to be rolled underarm at the numbers.

Towers

-Using clothes pegs build a structure that can stand by itself for 3 seconds. Each peg you use is worth 2 points. Who will be the Family Champion?

Sock Bocce

Each player gets 3 or 4 sock balls. There is one "Pallina" this is a special ball that is the target and is placed in a chosen location in the playing area.

The goal is to get your sock balls closest to the "Pallina".

1. Choose a throwing spot where each player throws from.
2. The throw must be underarm (unlike a normal throw your fingers will be pointing down with the back of your hand facing the "Pallina".
3. Scoring – Closest gets 5 points, 2nd closest 3 points, 3rd closest 1 point. (This can be adjusted to suit the family)
4. After each player has thrown all their sock balls, the person whose ball is closest to the "Pallina" gets to relocate it to a new spot.

Winner first player to score over 20 points. (Too easy? Increase the total to suit)