

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.

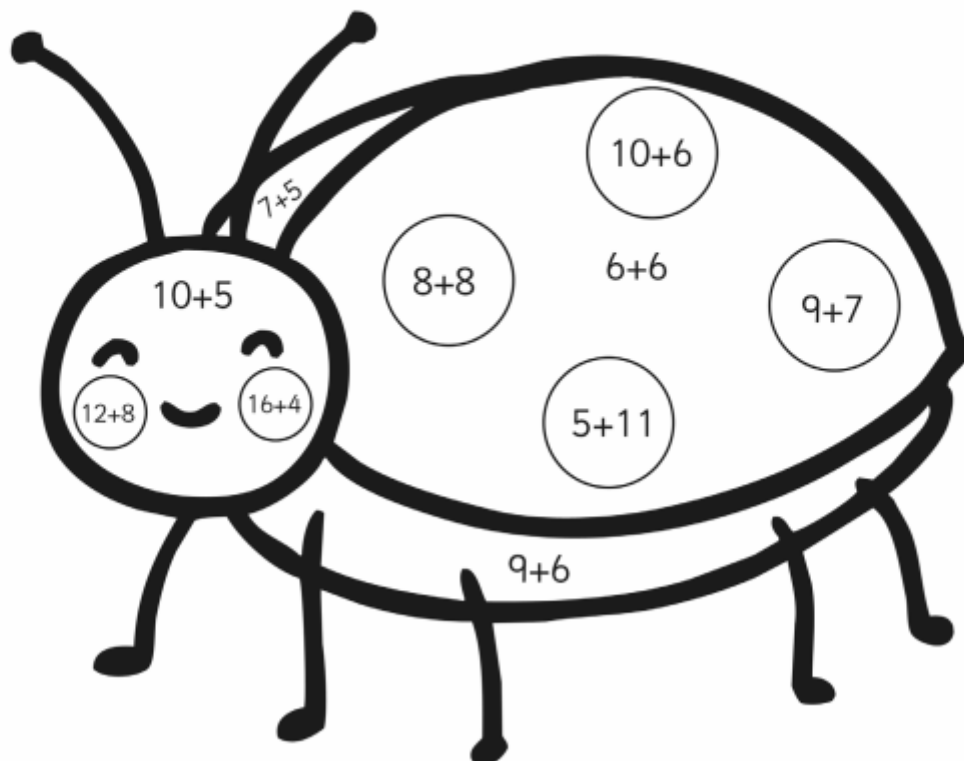
Hopefully see you all soon.

Mr H

Monday

Minibeast Colour by Number Addition Up to 20

Solve the calculations in the picture to work out what colours they should be!



- 12 = Red
- 15 = Brown
- 16 = Black
- 20 = Pink



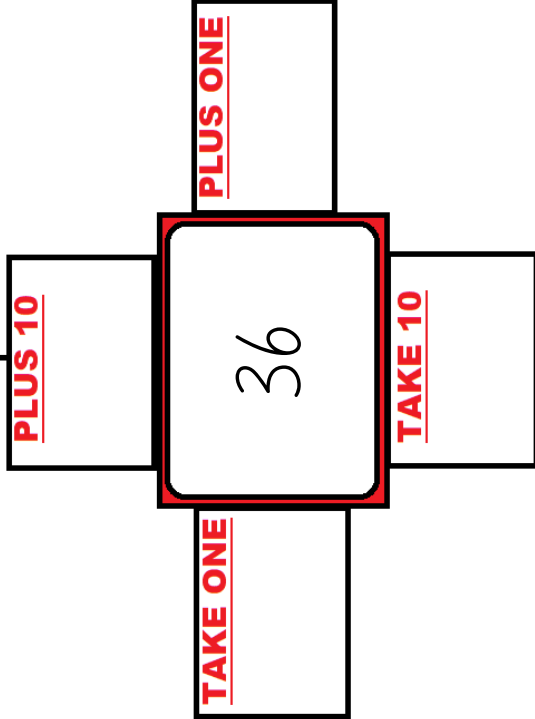
Physical Challenge. Catch and throw a ball while you count to and from 100.

Code

How did you get there - Number Sentence

Skip count on by 2's

Written as Words



Charlie has a big day at school. He arrives at 8:00am and leaves at 1pm, how many hours was he at school for?



Milo the dog has 29 tennis balls and finds 3 more. How many balls does she have?



$22 + 5 =$

$29 - 4 =$

$21 - 3 =$

Mr. Dimmers can throw the ball 85 metres. How much further must he throw if he wants to reach 100 metres?



Count how much money you have.



Complete the following sequences:

a) 45, 50, __, 60, __, __, 75, __, 85

b) 20, 30, __, __, 60, __, 80, __.

c) 36, 34, __, 30, 28, __, __, 20

d) 50, __, 40, 35, __, __, 20, 15, __

Numbers, Numbers Everywhere!

To count, read and write numbers to 100 in numerals and count in multiples of twos, fives and tens.



Fill in the missing numbers.

11	12	13	14						
----	----	----	----	--	--	--	--	--	--

2	4	6	8						
---	---	---	---	--	--	--	--	--	--

5	10	15	20						
---	----	----	----	--	--	--	--	--	--

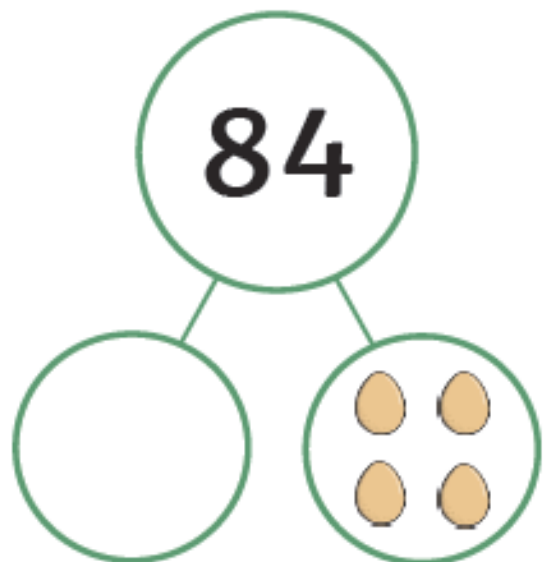
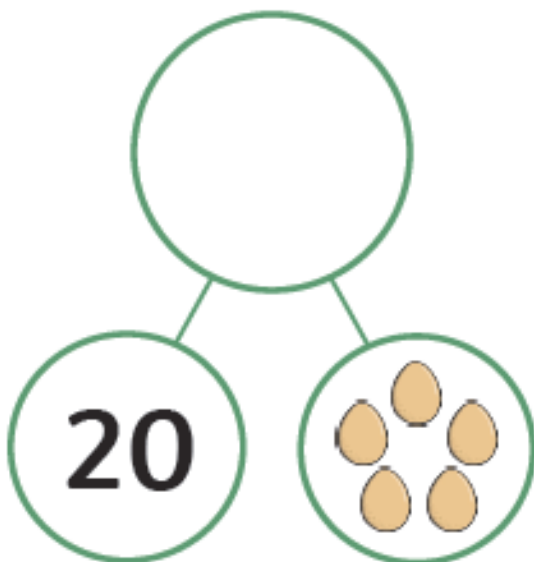
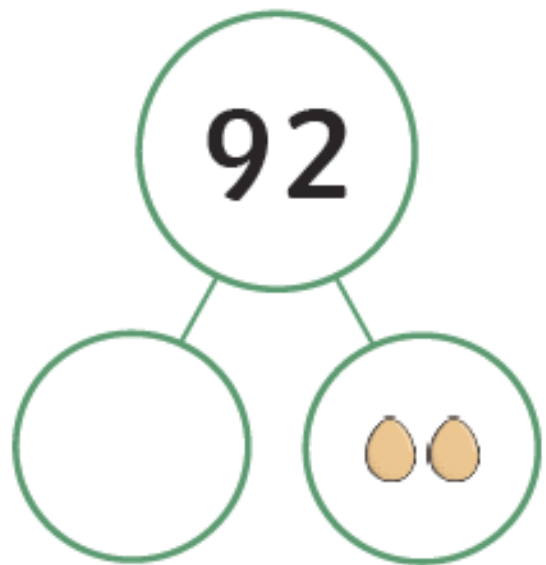
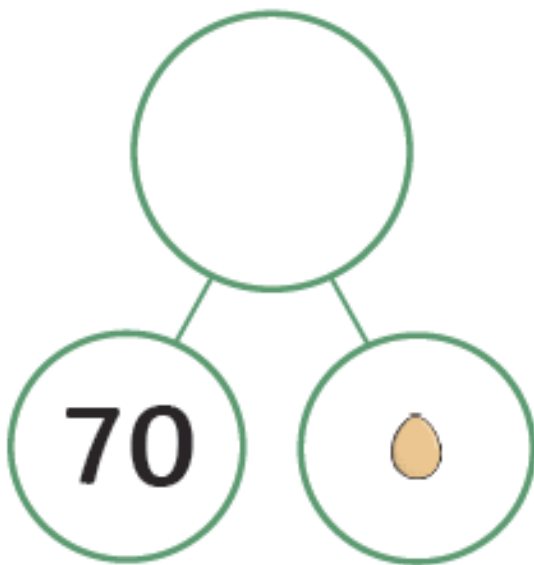
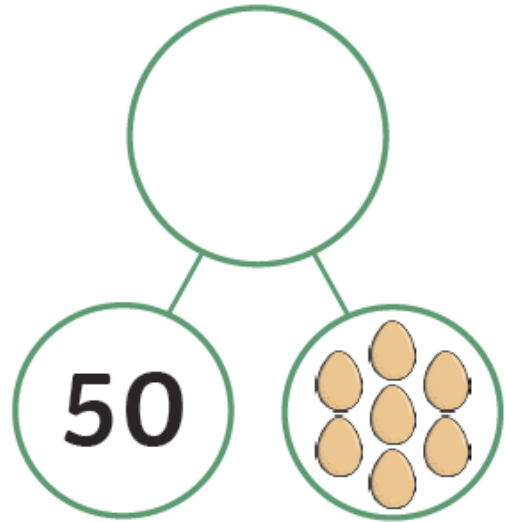
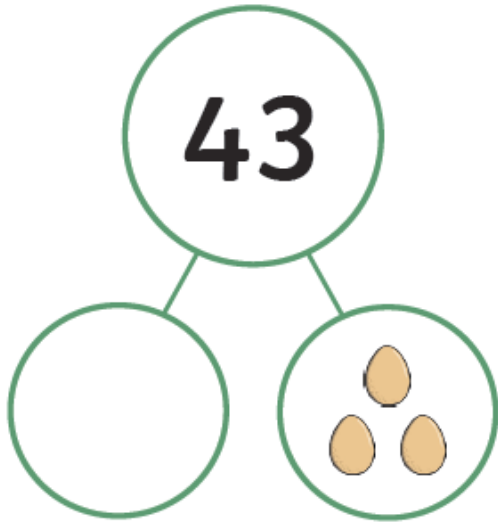
10	20	30	40						
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Physical Challenge: Throw scrunched up socks into the laundry basket skip counting by 2 then 5 then 10. How high did you go before missing the basket?

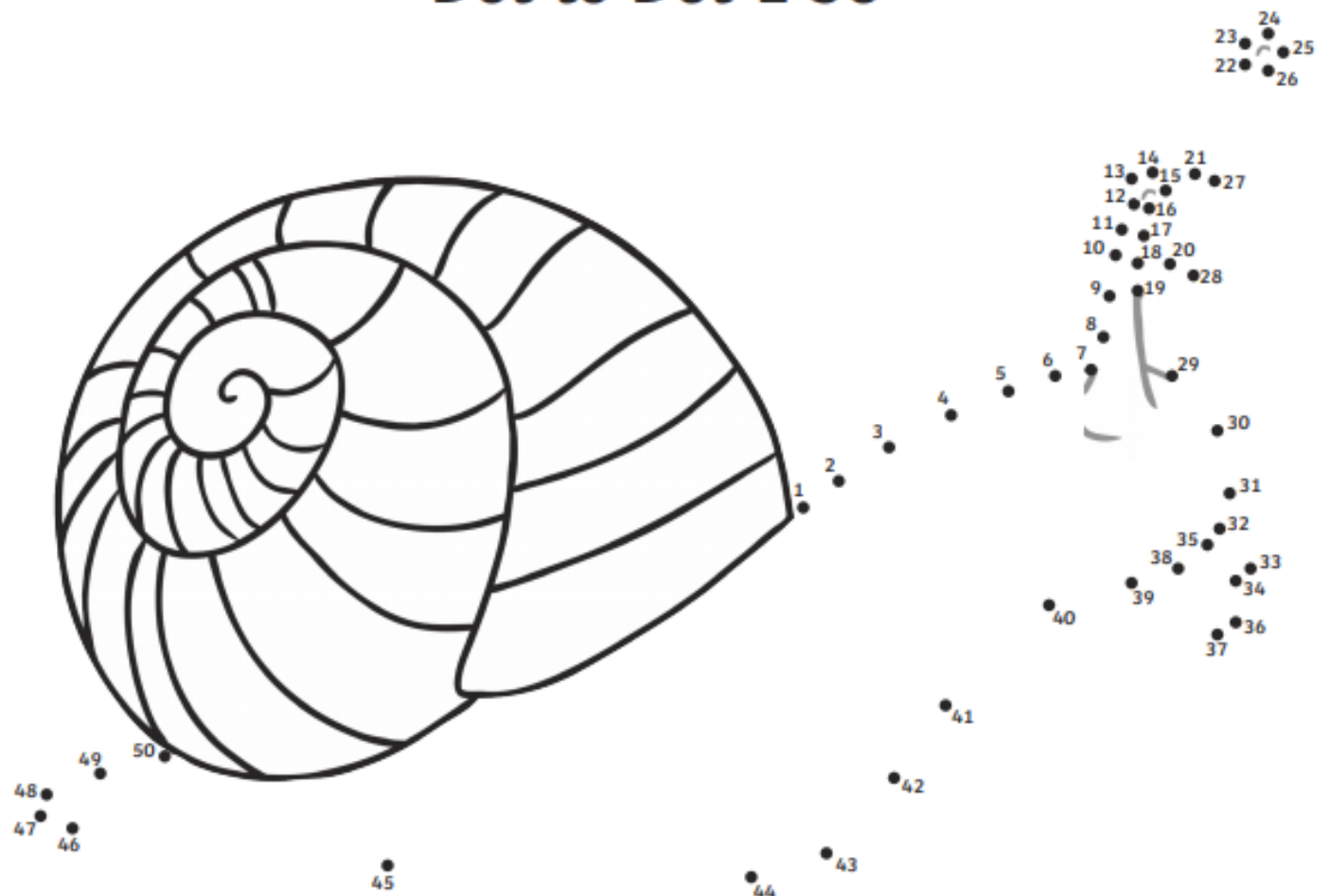
Egg Tens and Ones

Complete the part-part-whole pictures by adding the missing number.



Tuesday

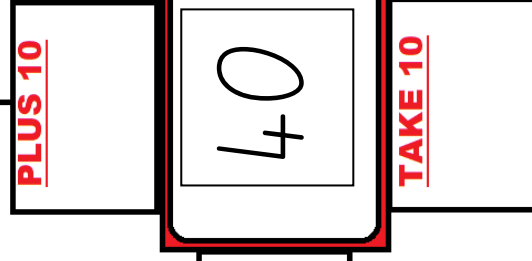
Dot to Dot 1-50



Physical Challenge: Catch and throw a ball while you count to and from 100.

How did you get there - Number Sentence

Code



Written as Words

Skip count on by 2's

Ashton gets 5 stars in his book on Monday, 5 stars on Tuesday and 5 stars on Wednesday. How many stars did he get in his book over these three days?



Your mum buys 20 pineapples and your family eat half of them. How many are left?



$20 + 10 =$

$22 + 6 =$

$31 - 3 =$

Sam gets 6 gifts from Mum, 4 gifts from Dad and 5 gifts from his sister. How many gifts did he get?



Count how much money you have.



Complete the following sequences:

a) 42, 44, __, __, 50, __, 54, 56.

b) 75, __, 65, 60, __, __, 45, 40.

c) 100, 90, __, __, __, 50, __, 30.

d) 14, 24, 34, __, 54, __, 74, __, 94.

Finding the Difference

Aim: I can calculate the difference between 2 numbers.

Find the difference between the numbers shown in each question.

The difference is how many more one group has.

1.



9



4

2.

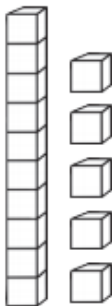


10



7

3.

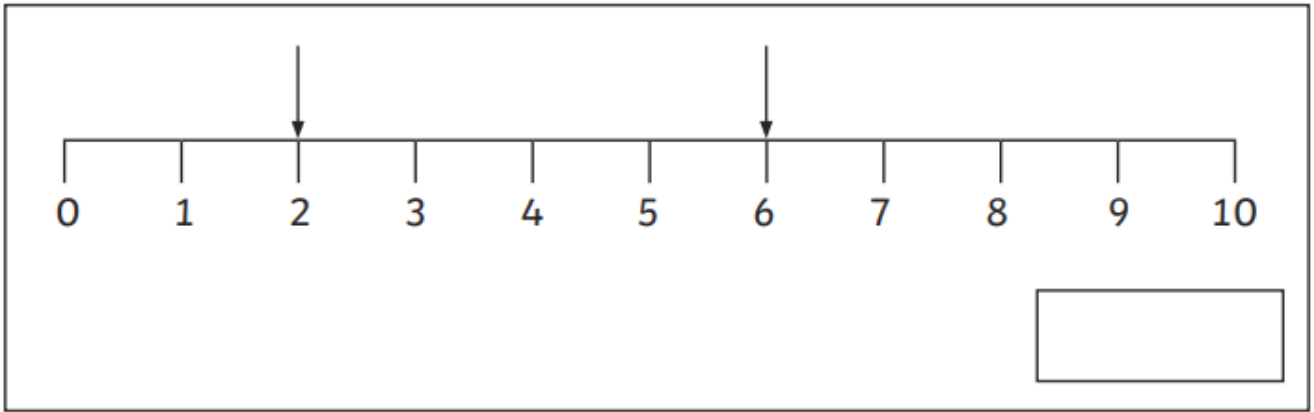


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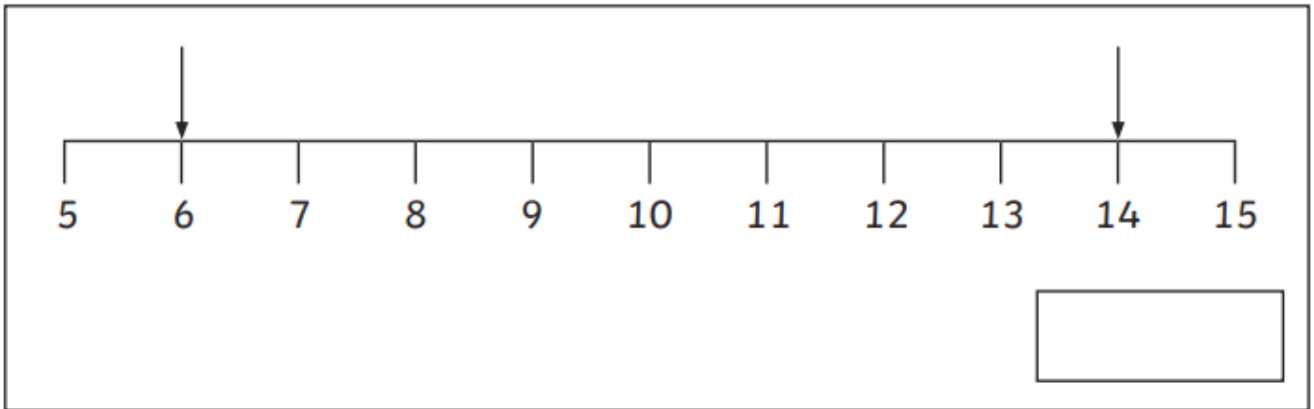


9

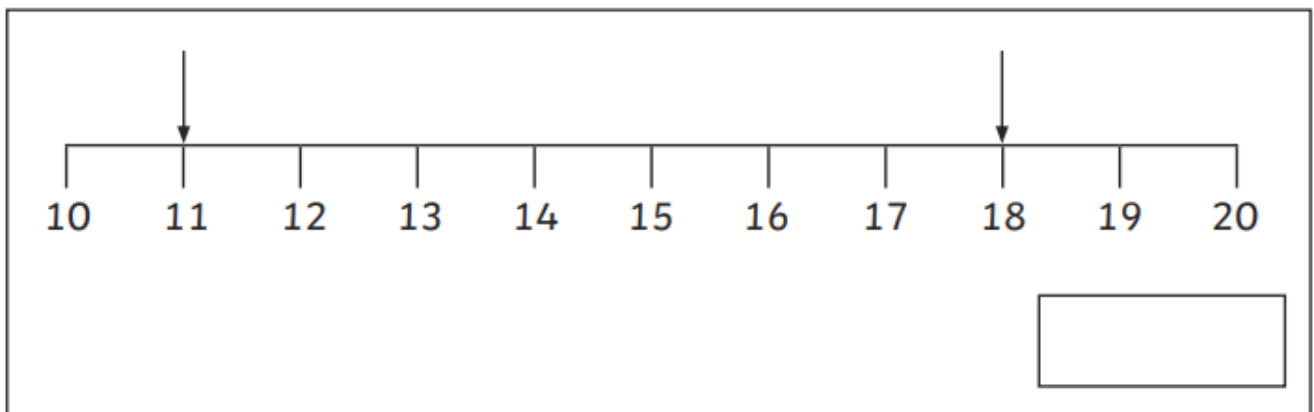
4.



5.



6.

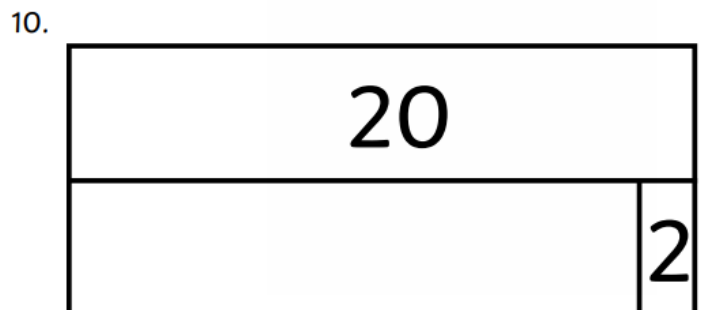
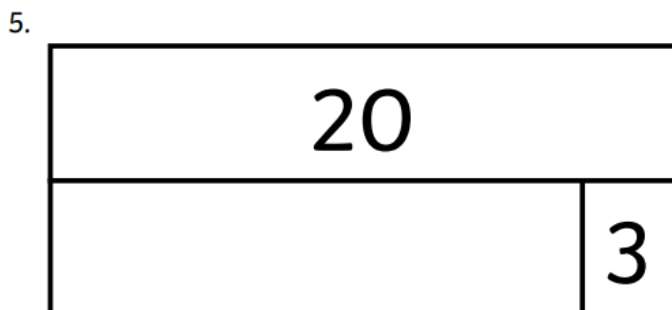
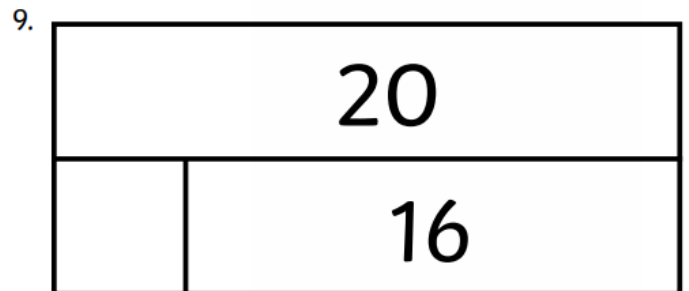
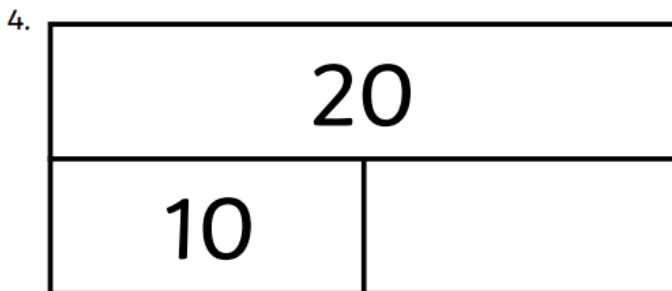
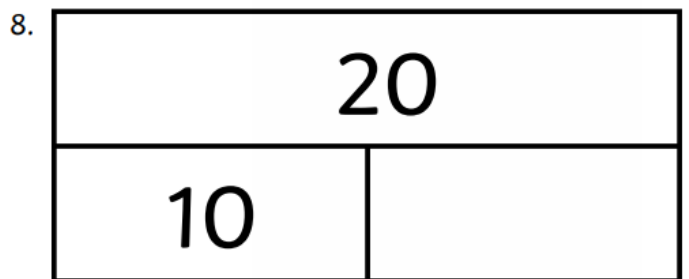
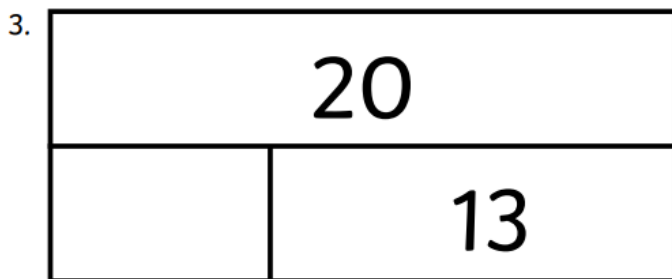
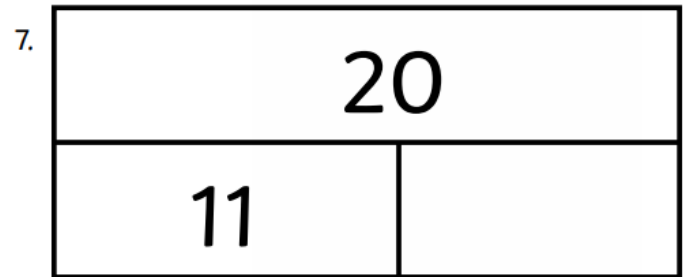
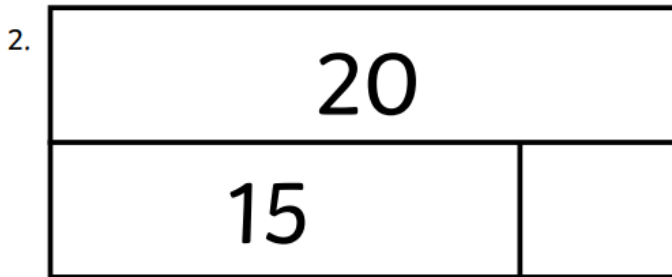
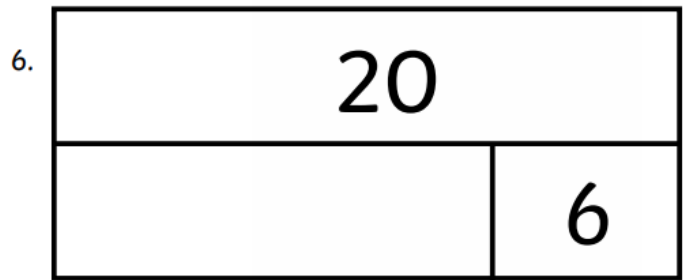
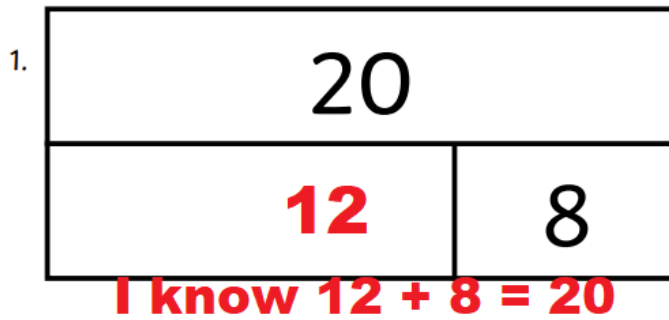


7. Group A has 4 children and Group B has 7 children.
What is the difference between the numbers of children in each group?

8. Jenny has 12p and Thomas has 5p. What is the difference between the amounts of money Jenny and Thomas have?

Addition Facts to 20

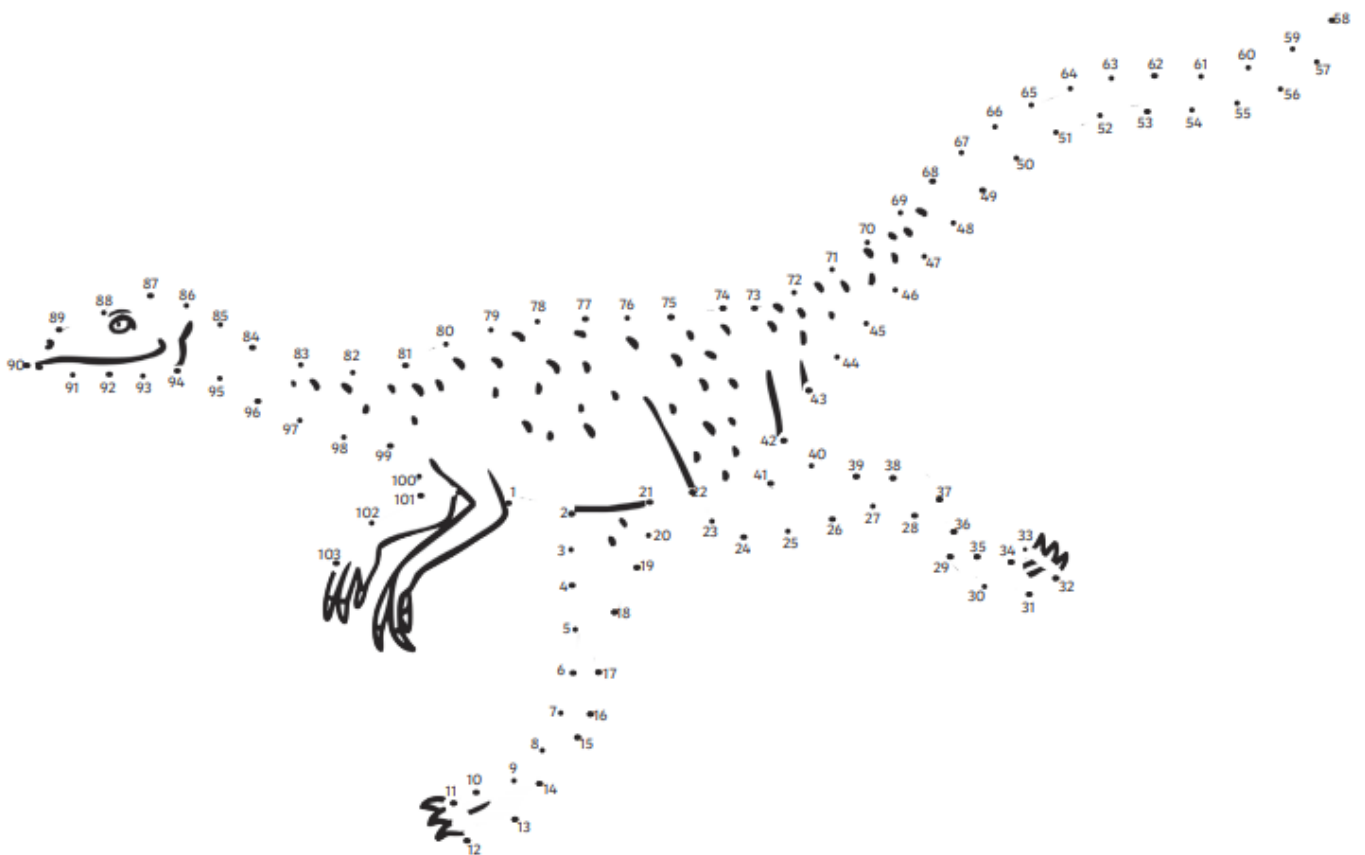
Use known number facts to fill in the missing numbers on these bar models.



Physical Challenge: "Friends of 20 Clean Up". Have someone say 2 numbers, if those 2 numbers are friends of 20, race off and put something you have left out back where it goes.

Wednesday

Dinosaur Dot to Dot



Physical Challenge: Do star jumps while you count to and from 100. How far did you go until you were puffing?

Code

How did you get there - Number Sentence

Written as Words

Skip count on by 2's

PLUS 10

68

TAKE ONE

PLUS ONE

TAKE 10

Taylah wants 20 cherries and has already picked 7. How many more cherries does she need to pick?



Mrs. Bax gave out 2 pencils to each of her 10 students. How many pencils did she give away?



$22 - 4 =$

$19 + 5 =$

$28 - 6 =$

Tony found \$8 in one lounge and another \$7 in the other lounge. How much did he find in total?



Count how much money you have.



Complete the following sequences:

a) 58, 56, __, 52, __, 48, 46, __, 42.

b) 35, 40, __, __, 55, __, 65, __, 75, 80.

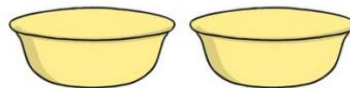
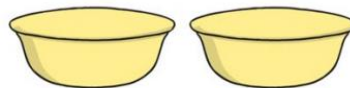
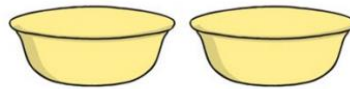
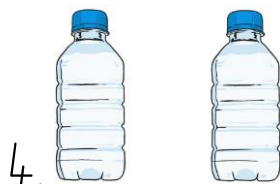
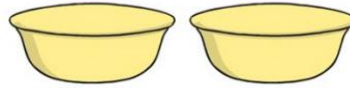
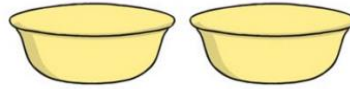
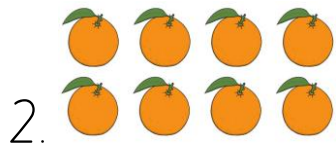
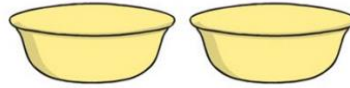
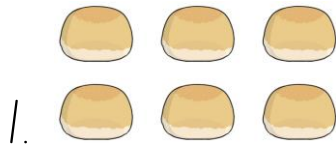
c) 90, 80, __, __, 50, __, 30, __, 10, 0.

d) 54, __, 58, 60, 62, __, __, 68, __, 72.

Sharing in Equal Groups

I can share an amount into 2 equal groups.

WILF (What I'm Looking For) You to draw or write how many pieces of food would be on each plate if you shared it equally.



Counting on in 2s Activity

Complete the following sequences:

a) 2 4 6 _____ 10 _____

b) 24 22 _____ 18 _____ 14

c) _____ 26 28 30 _____ 34

d) 46 _____ _____ 40 38 36

e) 28 _____ 32 34 _____ 38

f) _____ 44 42 _____ 38 36

g) 12 14 _____ 18 _____
22

h) 20 _____ _____ 14 12 10

i) _____ _____ 56 58 60 62

j) 74 72 _____ _____ 66 64

Complete the number square below:

1		3		5		7		9	
11		13		15		17		19	
21		23		25		27		29	
31		33		35		37		39	
41		43		45		47		49	
51		53		55		57		59	

Challenge

How far can you count in 2s?

What happens when you get past 100?

I skip counted by 2 to the number _____.

If you got past 100 what happened? _____

Thursday

Dinosaur Dot to Dot



Physical Challenge: Throw scrunched up socks into the laundry basket skip counting by 2 then 5 then 10. How high did you go before missing the basket?

How did you get there - Number Sentence

Code

Written as Words

Skip count on by 2's

PLUS 10

TAKE ONE

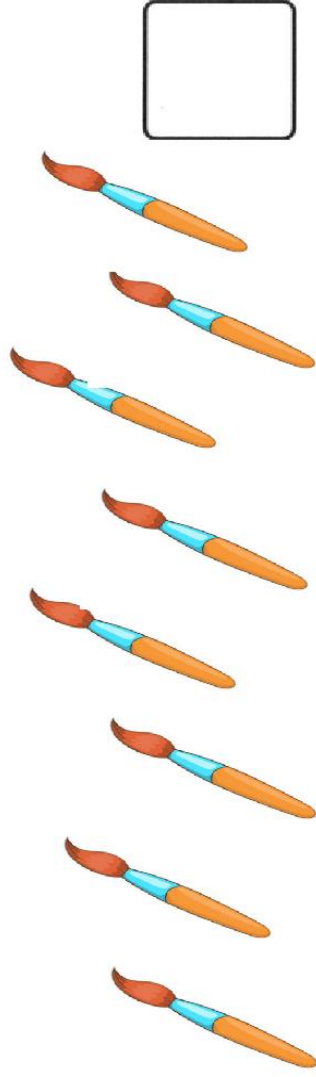
PLUS ONE

TAKE 10

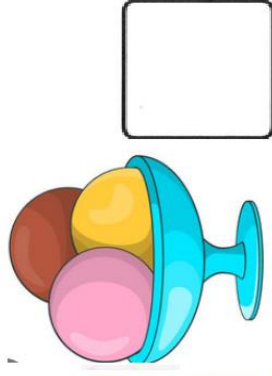
14

How far can you go?

Frank started with 10 paint brushes, he gave some away and now has 8 left. How many did he give away?



Bec had 3 bowls of icecream, they had 5 scoops, 4 scoops and the last had 3 scoops. How many scoops were in total?

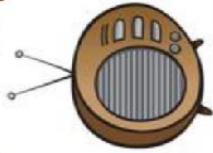


$34 + 5 =$

$17 + 6 =$

$32 - 4 =$

Mr. Henderson listens to his old radio 10 minutes every day. How long does he listen to it over 3 days?



Count how much money you have.



Complete the following sequences:

a) 55, 57, __, 61, 63, __, __, 69, 71, 73.

b) 44, __, 40, 38, __, __, 32, __, 28, 26.

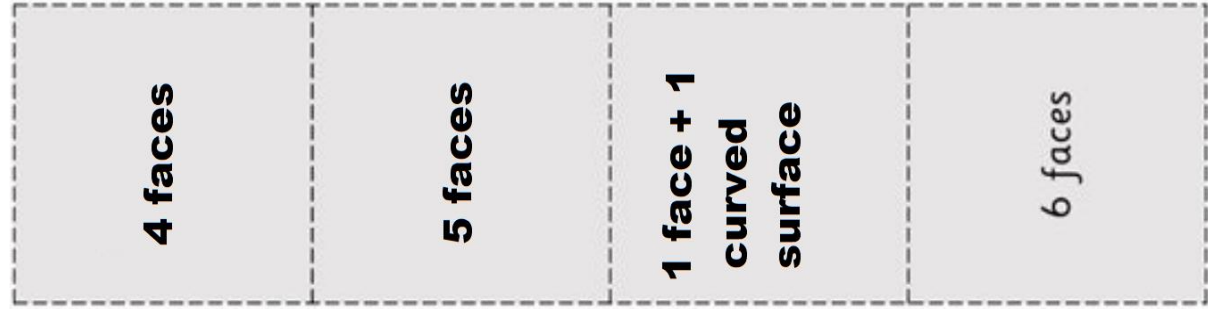
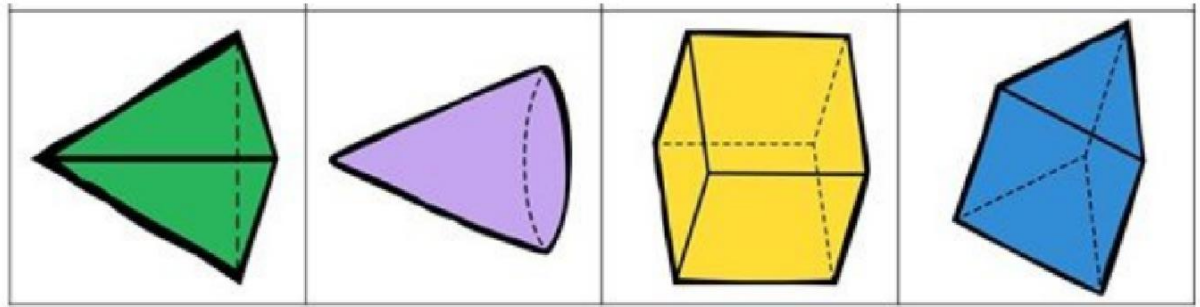
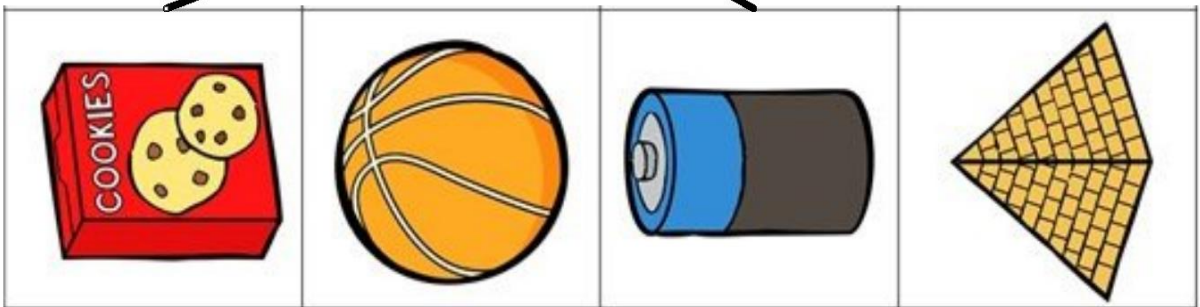
c) 95, 85, __, 65, __, 45, 35, __, __, 5.

d) 70, __, 60, 55, 50, __, 40, __, __, 25.

3D Shapes and their Faces

Draw a line from each shape to the box that shows how many flat faces and curved surfaces it has.

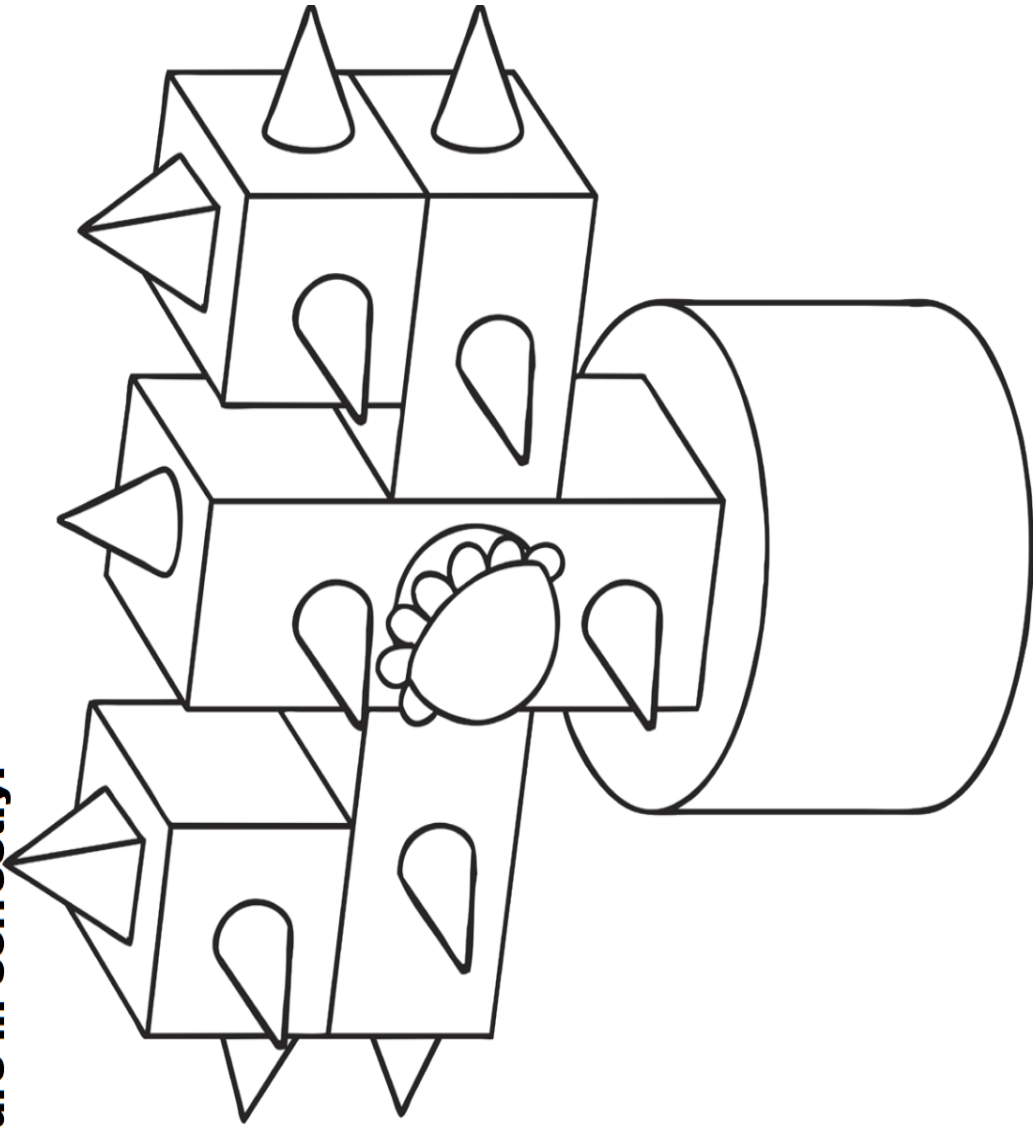
Two have been done for you!

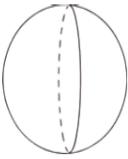
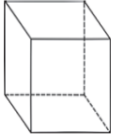

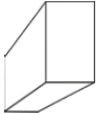
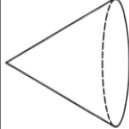
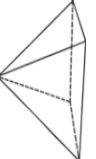


Physical Challenge: 3D Challenge. Try to find 1 of each shape shown on this page in your house.

3D Shape Colouring

Fill in each shape's name using the red words. One has been done! Use the colour key to help colour the picture in correctly.



Key		
Shape	Name	Colour
		blue
		yellow
		purple
		green
		orange
	Square based pyramid	red

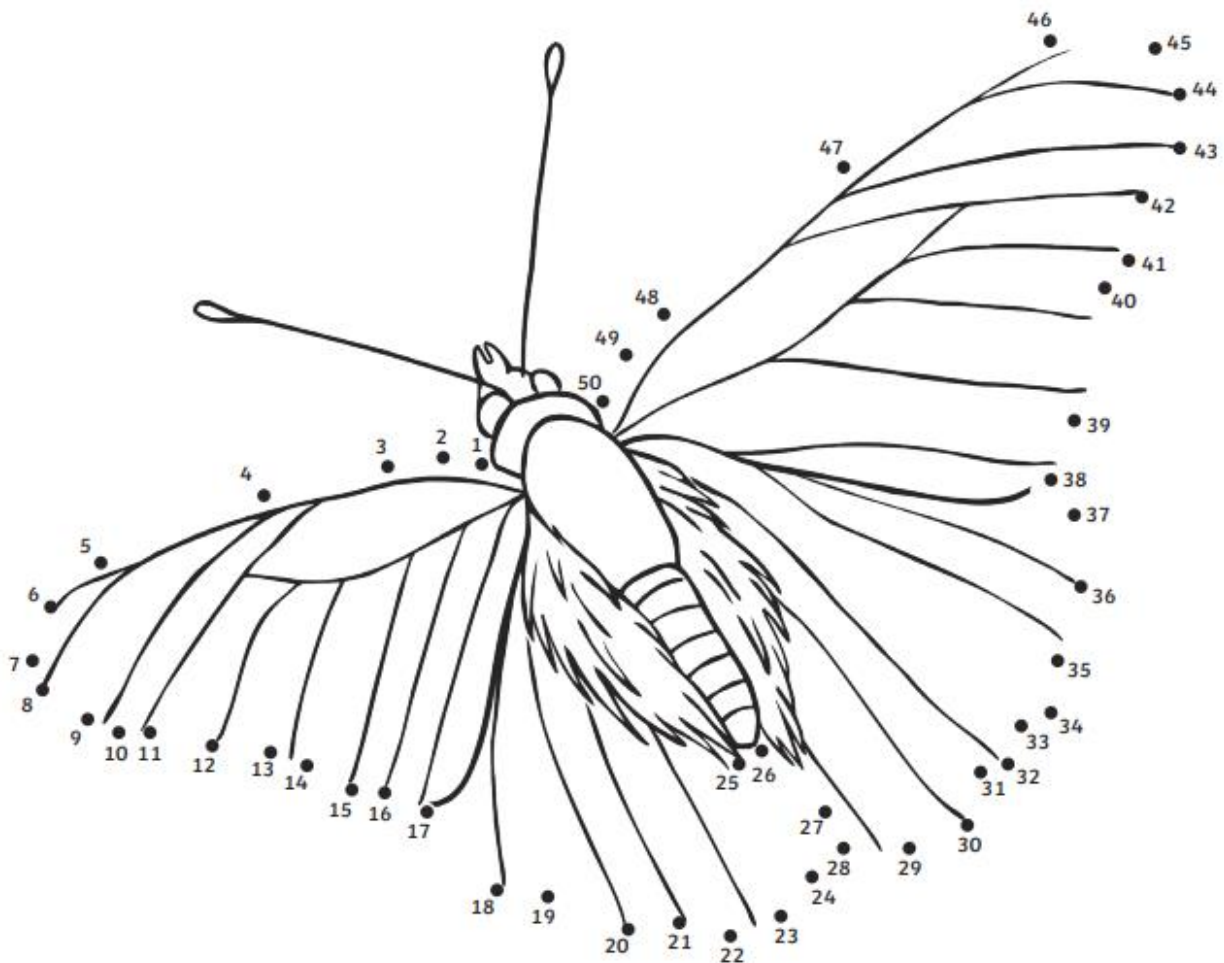
Cylinder **Sphere** **Cube** **Cone** **Rectangular Prism** **Square-based pyramid**



Physical Challenge: 3D Challenge. Put a circle around the 3D shape that you have the most of in your house.

Friday

Dot to Dot 1-50



Physical Challenge: Your Choice. Write what you did.

Code

How did you get there - Number Sentence

Written as Words

Skip count on by 2's

PLUS 10

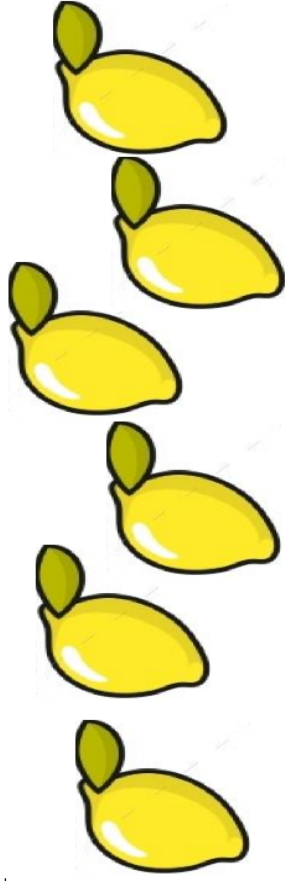
PLUS ONE

TAKE ONE

TAKE 10

32

Toby needs to pick 12 lemons from his lemon tree. He has already picked 6, how many more does he need?



A washing

machine load

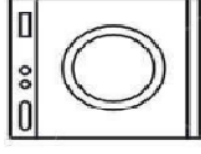
runs for 30

minutes. What

time will it end if

the load started

at 12:20pm?



$35 + 4 =$

$41 - 4 =$

$37 + 5 =$

Drayden calls his mum for 15 minutes and calls his friend for 20 minutes. What was the total time he was on the phone for?



Count how much money you have.



Complete the following sequences:

a) **55, __, 65, __, 75, __, __, 90.**

b) **64, 62, __, 58, __, 54, __, 50**

c) **28, __, 32, 34, __, 38, __, 42**

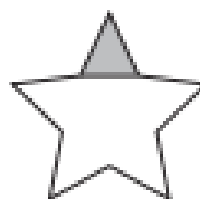
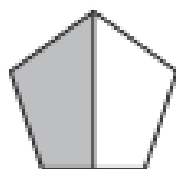
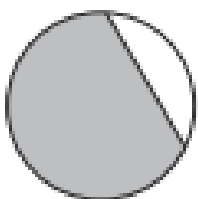
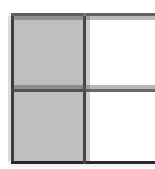
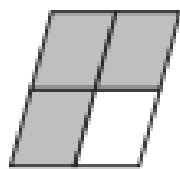
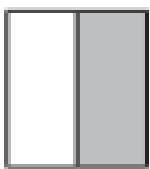
d) **70, 65, __, __, 50, __, 40, 35**

I can show a half of an object.

A half shows when something has been cut into 2 equal parts.

Can you sort these shapes into the correct column?

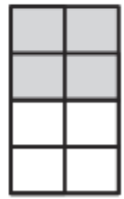
$\frac{1}{2}$	Not $\frac{1}{2}$



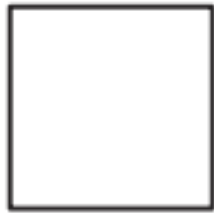
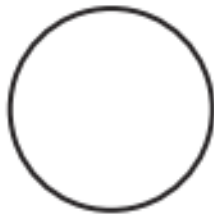
I can show a half of an amount.

A half can also show when amount has been cut into 2 equal amounts.



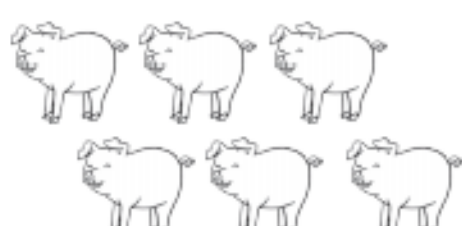

One half of each of these figures is shaded:



Color one half of each of these shapes:



Color one half of each of these groups of animals:

- a. 
- b. 
- c. 
- d. 

What number is half of 2? _____

What number is half of 4? _____

What number is half of 6? _____

What number is half of 8? _____

What number is half of 10? _____

What number is half of 20? _____

Pirates Colour by Number

Addition to 30

30 = red

27 = brown

21 = blue

23 = yellow

19 = black



Well done! You have completed all Maths work for the week! The next page is just an extra challenge for those who want some extra work! Keep safe and enjoy your weekend!

Monday

1. $1 + 5 =$ _____

2. $2 - 1 =$ _____

3. $3 + 0 =$ _____

4. Write the number showing 7 tens and 6 ones.

5. Complete this counting pattern:

8, 13, 18, 23, _____, _____, _____

6. In a group of 7 students, 6 would like to play rugby league and the rest want to play rugby union.

How many want to play rugby union? _____

7. What does 3 plus 2 equal? _____

8. What is the value of this coin?



9. At 5 o'clock, the hour hand points to _____.

10. How many corners does this shape



have?

Tuesday

1. $0 + 8 =$ _____

2. $9 - 2 =$ _____

3. $7 + 4 =$ _____

4. Write the number showing 2 hundreds, 5 tens and

9 ones. _____

5. Complete this counting pattern:

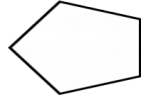
1, 6, 11, 16, _____, _____, _____

6. Scarlett has 6 balls. Natalie has 9 balls. How many more balls does Natalie have? _____

7. What does 5 plus 5 equal? _____

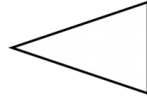
8. Draw a line to split this shape in

half.



9. At 10 o'clock, the hour hand points to _____.

10. How many sides does a triangle



have?

Wednesday

1. $7 - 3 =$ _____

2. $9 + 9 =$ _____

3. $5 + 8 =$ _____

4. Write the number showing 7 tens and 4 ones.

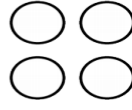
5. Complete this counting pattern:

1, 11, 21, 31, _____, _____, _____

6. If 11 trucks are parked, 9 are light blue and the rest are gold, how many are gold? _____

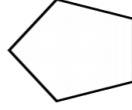
7. In a group of 10 students, 7 would like to play cricket and the rest want to play volleyball. How many want to play volleyball? _____

8. Colour in half of these circles.



9. At 11 o'clock, the hour hand points to _____.

10. Circle the corners on this shape.



Thursday

1. $6 - 5 =$ _____

2. $7 + 9 =$ _____

3. $7 + 4 =$ _____

4. Write the number showing 1 tens and 6 ones.

5. Complete this counting pattern:

4, 9, 14, 19, _____, _____, _____

6. Subtract 3 from 4: _____

7. I bought 1 marble and was given 4 more marbles.

How many marbles do I now have? _____

8. What is the value of this coin?



9. What digital time does the clock show? _____



10. How many corners does this shape have?

