

# Plattsburg Public School Learning from Home

## Purple Numeracy

## *Worimi*



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.

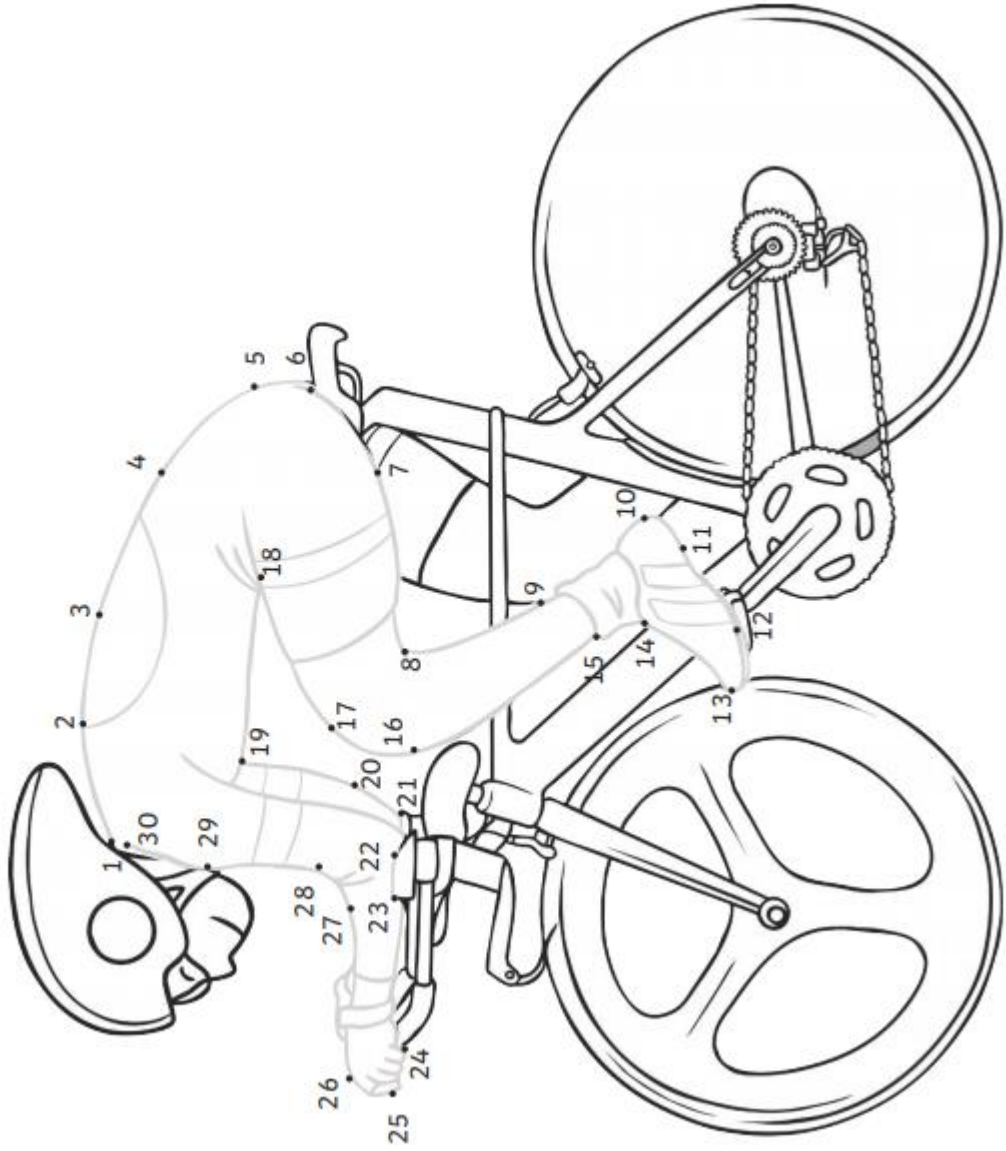
If the Physical Challenges are exhausting, please stop.

Hopefully see you all soon.

Mr H

# Counting up to 40 Dot to Dot

Join the dots to reveal the picture!



# Monday

## How did you get there - Number Sentence

This activity is about showing an addition or subtraction that will equal the number of the day. Begin with one, as this becomes easier students can create more ways. Today's has been done to show you.

$$12 = 7 + 5$$

TAKE ONE

## Written as Words

This activity is about sounding out numbers and spelling them the best we can. You may need to help, or you may write the sounds as your child sounds it for you. If you choose to write it show your child how each sound is made as they make the sound. Today's has been done to show you.

twelve

## Code

This activity is about separating the number to show how many Tens and Ones the number has. Today's has been done to show you.



PLUS ONE

## Skip count on by 2's

This activity is about practising skip counting. Your child will write the next 3 numbers from the Number of the day skip counting by 2. Today's has been done to show you.

12, 14, 16, 18

12

PLUS 10

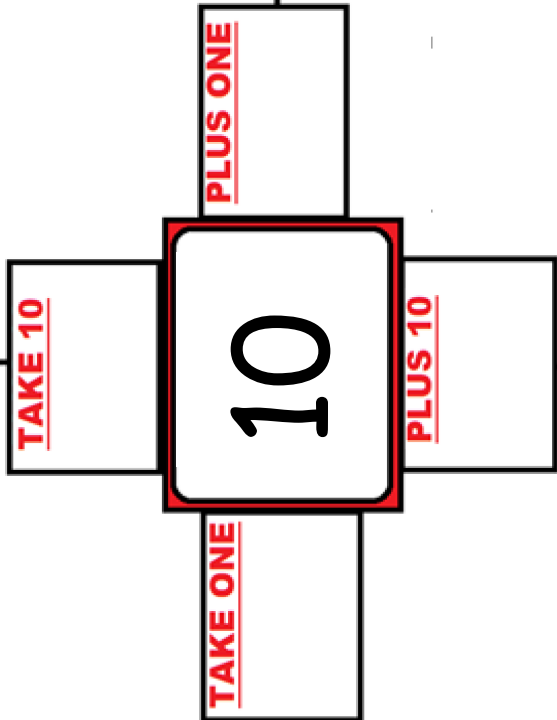
TAKE 10

How did you get there - Number Sentence

Code

Written as Words

Skip count on by 2's



# Place Value

Circle the numbers that have an 8 in the ones place.

18 21 28 90 87 48 80 43 58 12 57

Circle the numbers that have a 1 in the tens place.

21 14 78 41 17 19 76 10 51 69 11

Circle the numbers that have a 2 in the ones place.

24 15 12 14 32 17 28 52 62 91 28

Circle the numbers that have a 5 in the tens place.

54 19 59 95 25 50 51 15 67 11 26

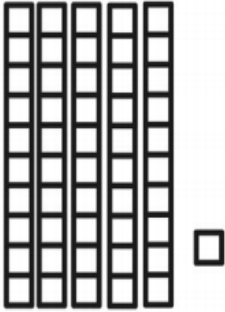
Circle the numbers that have a 7 in the ones place.

47 23 67 34 76 77 18 17 44 96 71

# Place Value

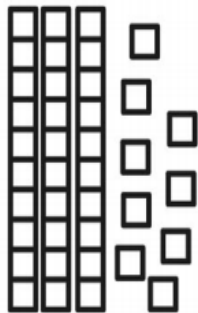
Write how many groups of tens and ones there are.

**The first one was started for you.**



**5** tens **1** ones

$$\underline{50} + \underline{1} = \underline{\quad}$$



\_\_\_\_\_ tens \_\_\_\_\_ ones

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$



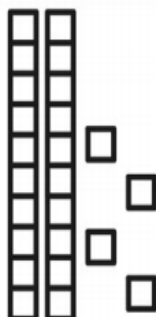
\_\_\_\_\_ tens \_\_\_\_\_ ones

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$



\_\_\_\_\_ tens \_\_\_\_\_ ones

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

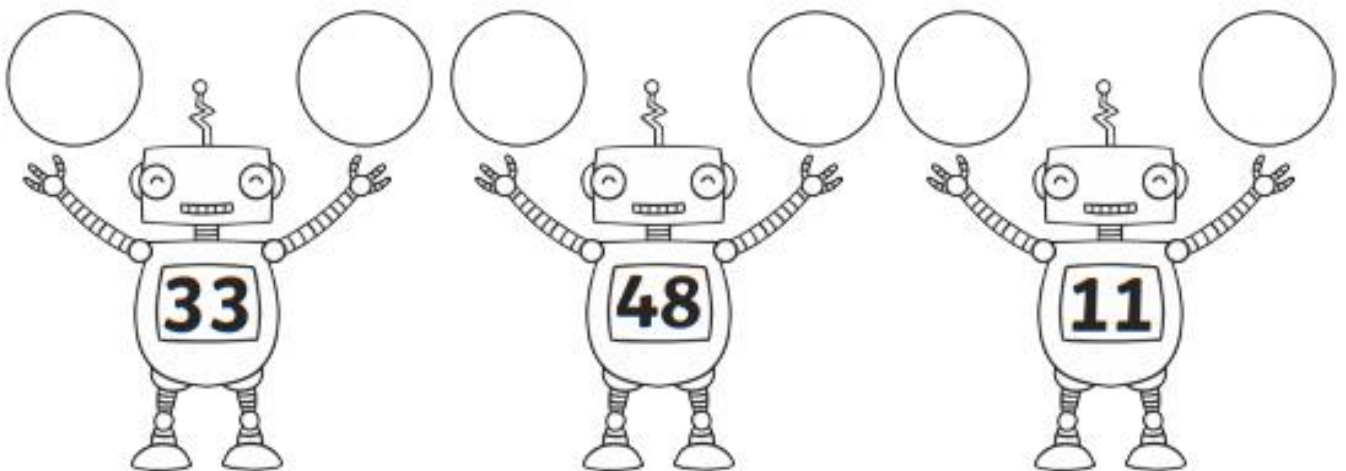
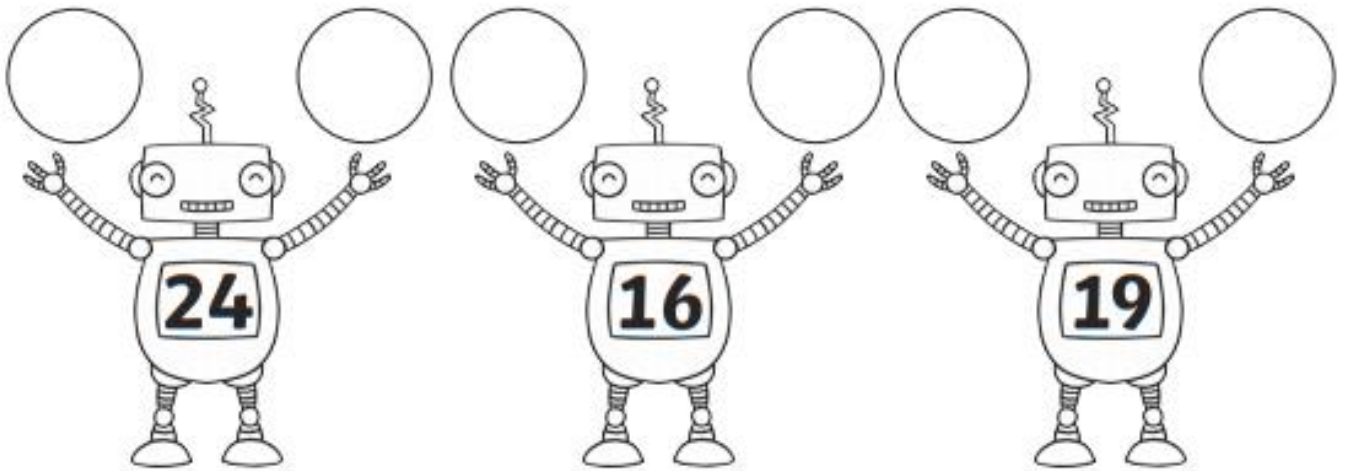
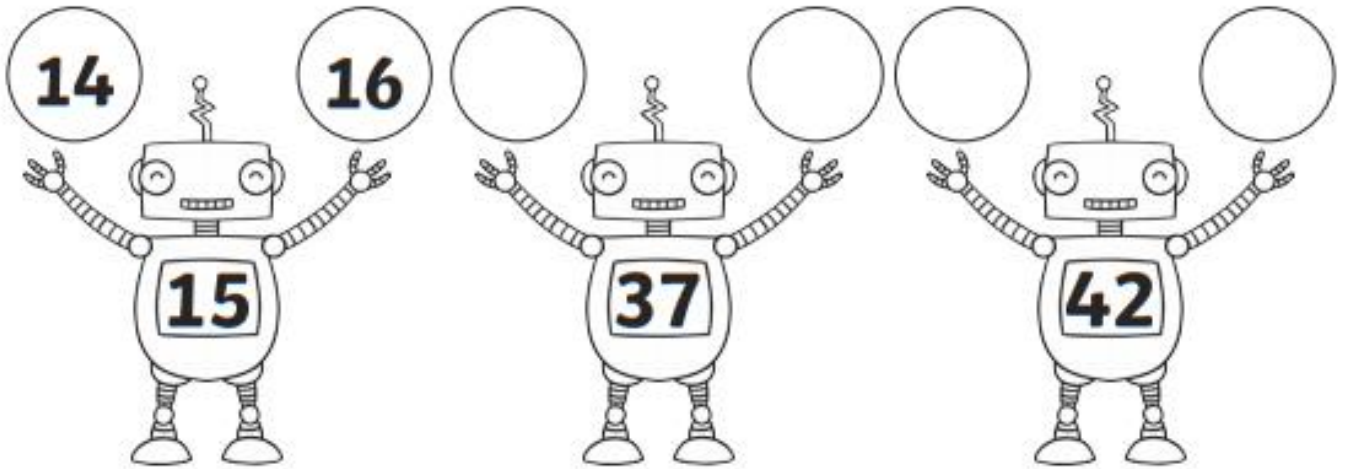


\_\_\_\_\_ tens \_\_\_\_\_ ones

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

# 1 Less 1 More

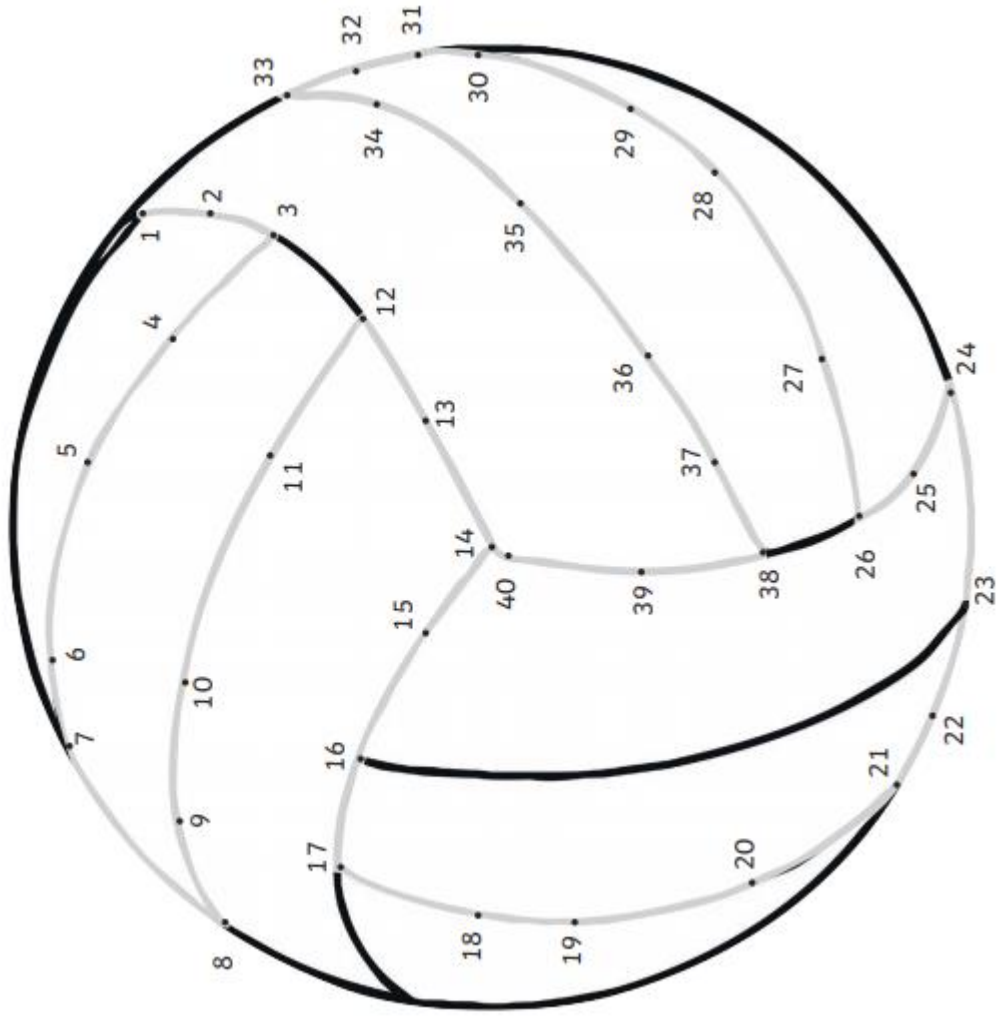
Can you find 1 less and 1 more than the number shown?



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.

# Counting up to 40 Dot to Dot

Join the dots to reveal the picture!



# Tuesday

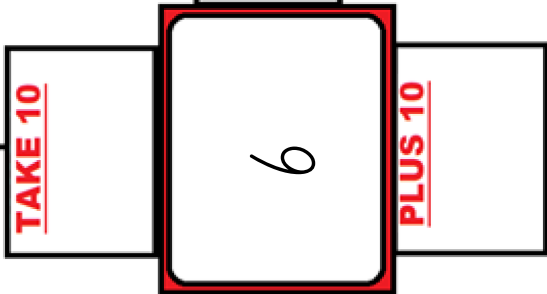


How did you get there - Number Sentence

Code

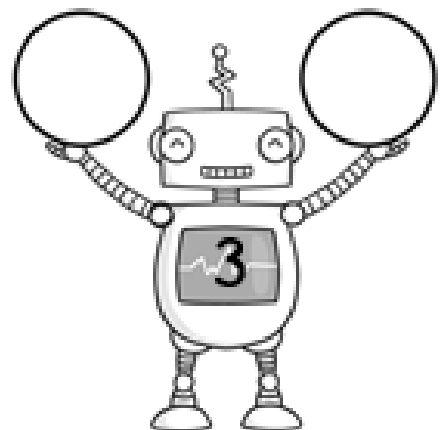
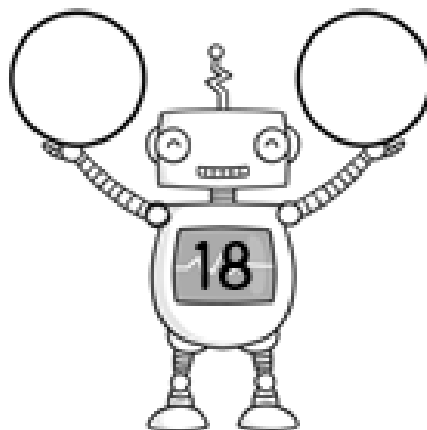
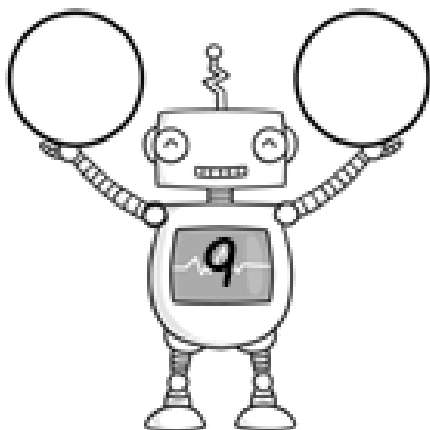
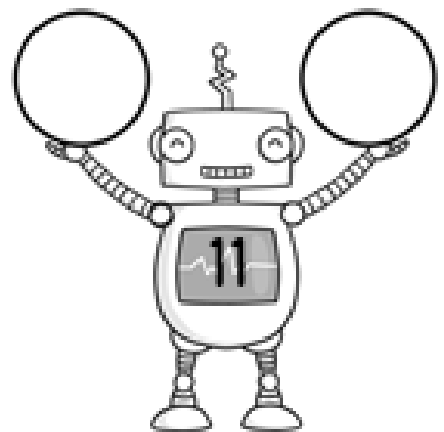
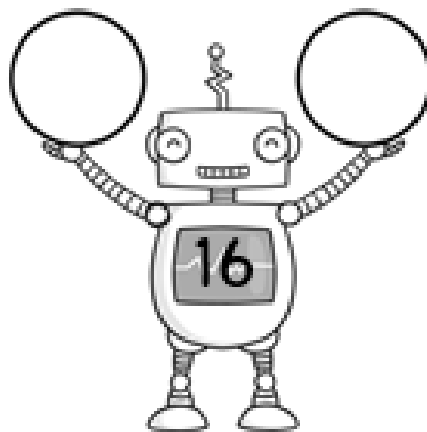
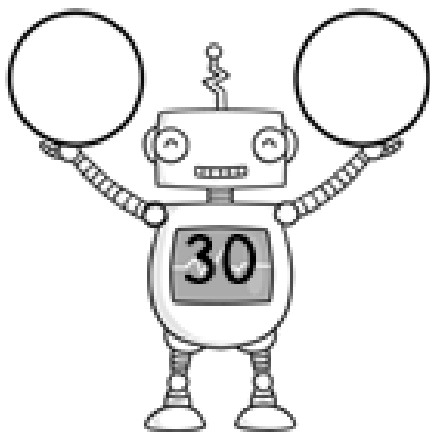
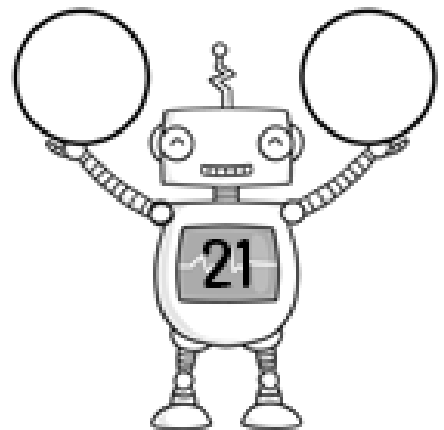
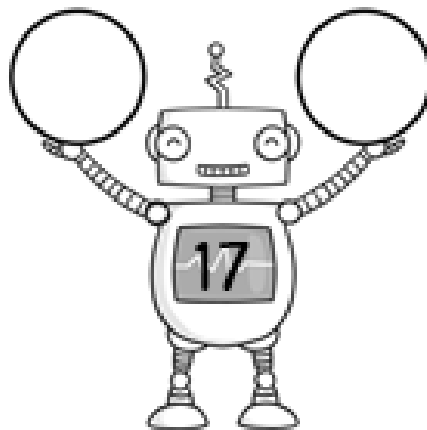
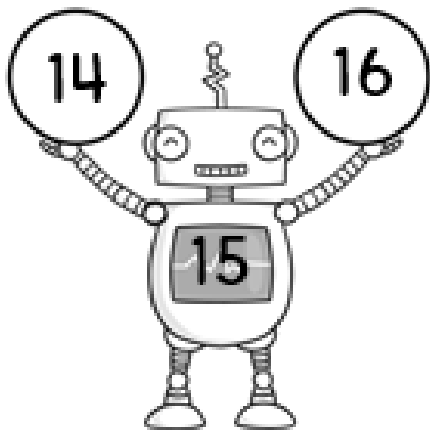
Written as Words

Skip count on by 2's



Can you find 1 more than and 1 less than the number in the robot's tummy?

E.g.

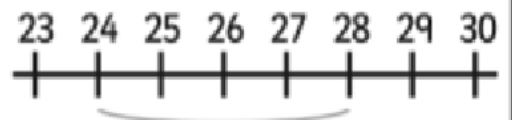


Physical Challenge. Throw scrunched up socks into the laundry basket skip counting by 2 then 5 then 10. Record your best scores. Skip count by 2: \_\_\_\_\_. Skip count by 5: \_\_\_\_\_. Skip count by 10: \_\_\_\_\_.

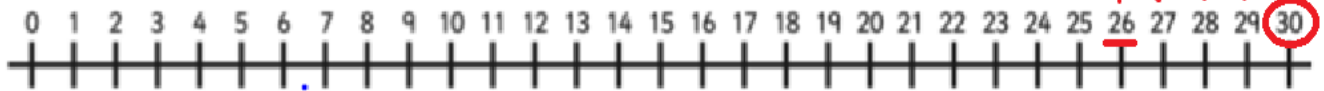
# Subtraction from 30 with a Number line

$$\underline{28} - 4 = \textcircled{24}$$

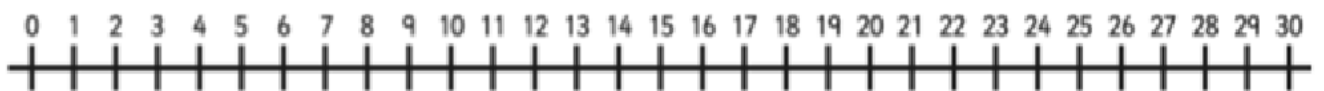
Example:



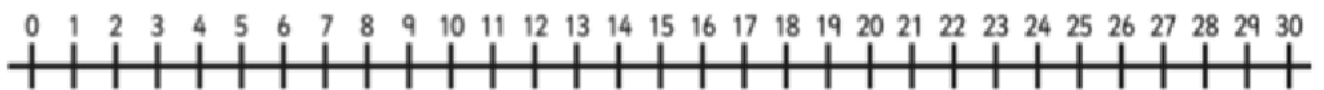
$$30 - 4 =$$



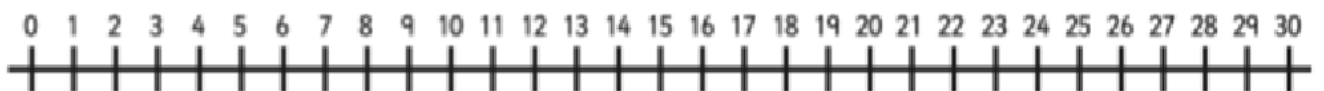
$$20 - 5 =$$



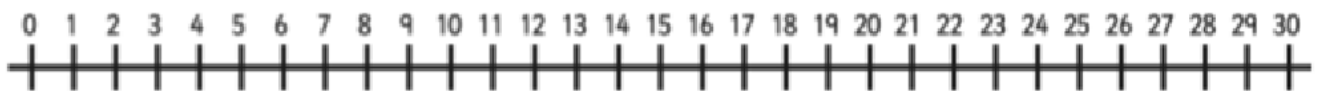
$$25 - 5 =$$



$$15 - 5 =$$



$$29 - 5 =$$



$$23 - 5 =$$



$$27 - 4 =$$



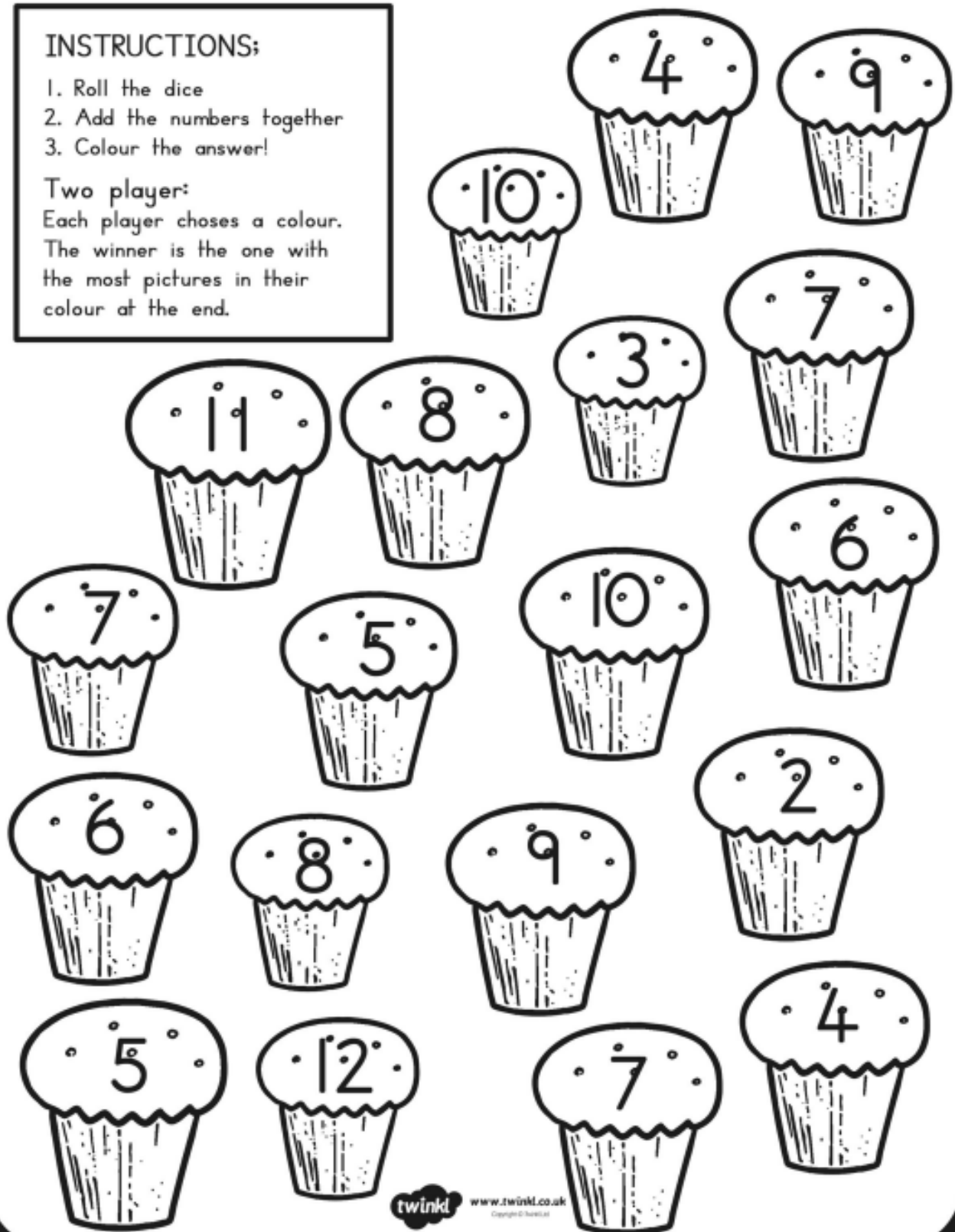
# Roll, add and colour!

## INSTRUCTIONS:

1. Roll the dice
2. Add the numbers together
3. Colour the answer!

### Two player:

Each player choses a colour.  
The winner is the one with  
the most pictures in their  
colour at the end.

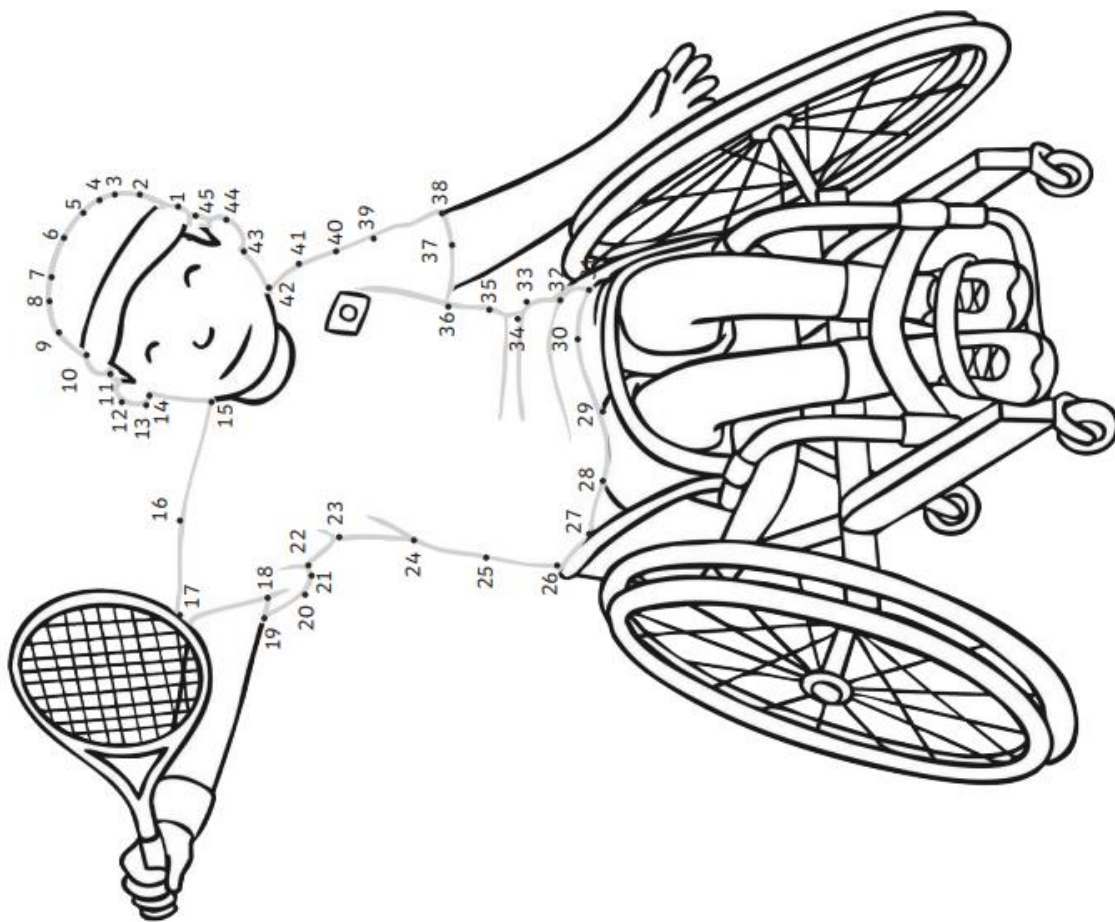


If you don't have a dice you could use number cards or build the dice at the end of this booklet.

# Wednesday

## Counting up to 40 Dot to Dot

Join the dots to reveal the picture!



How did you get there - Number Sentence

Code

Written as Words

Skip count on by 2's

TAKE 10

TAKE ONE

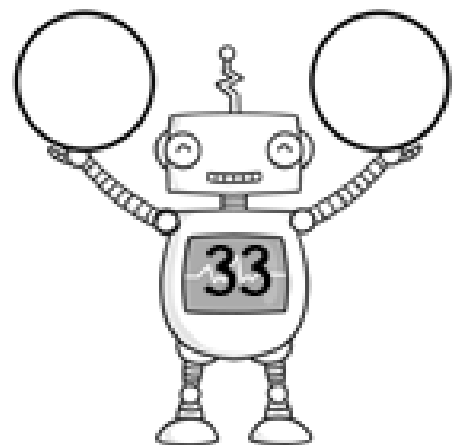
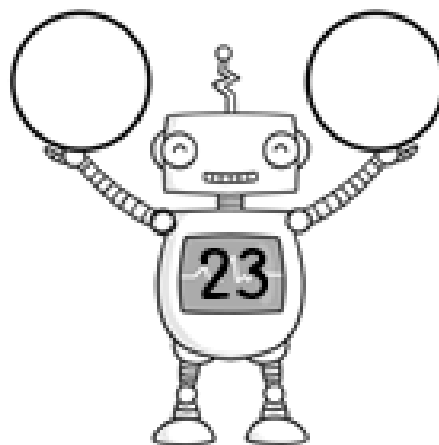
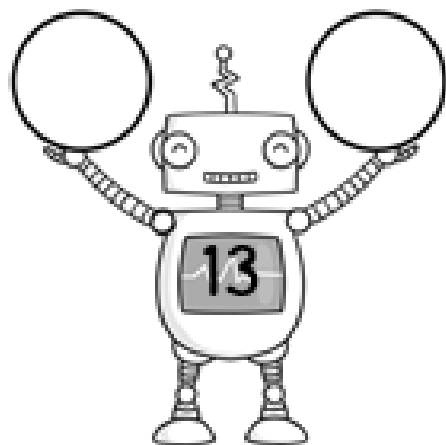
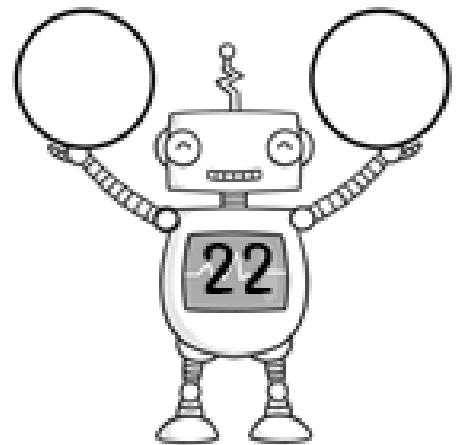
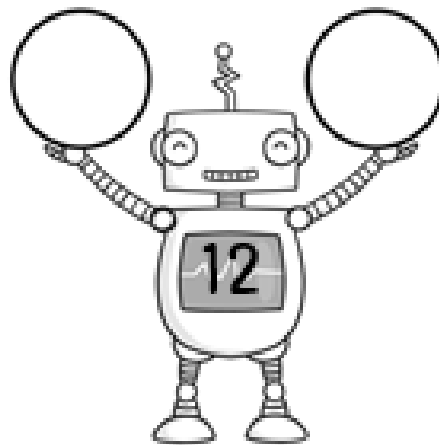
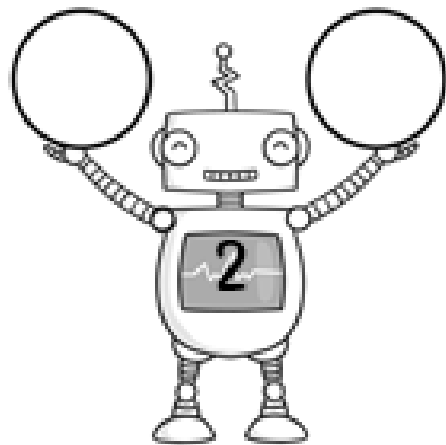
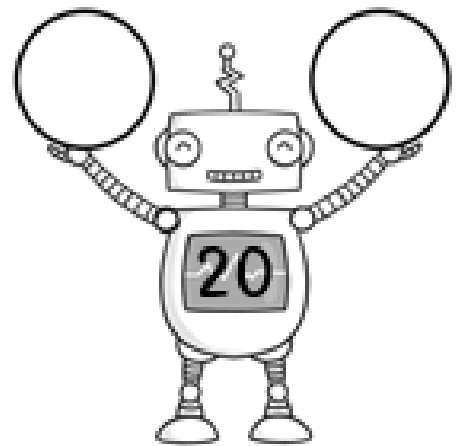
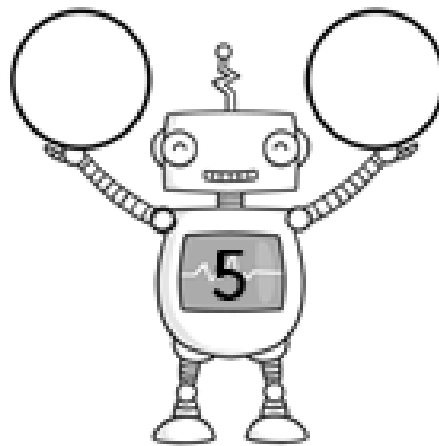
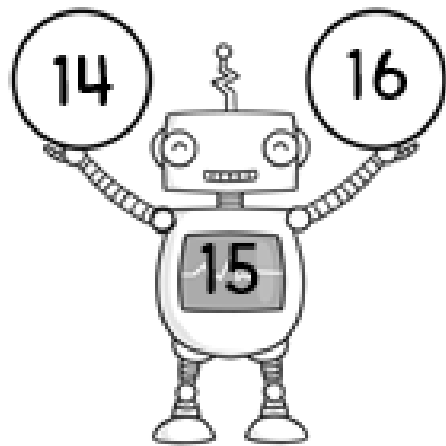
PLUS ONE

PLUS 10

14

Can you find 1 more than and 1 less than the number in the robot's tummy?

E.g.




# Area.

Area is the space inside a flat surface. To find how big an area is we can place objects on top of the surface and count how many it takes to cover that surface.

I can measure the area of a flat surface by counting how many objects it takes to cover the surface.

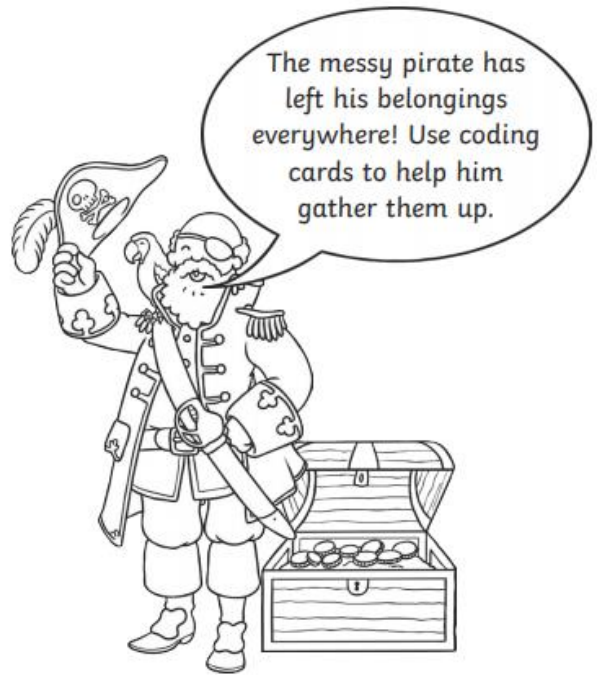
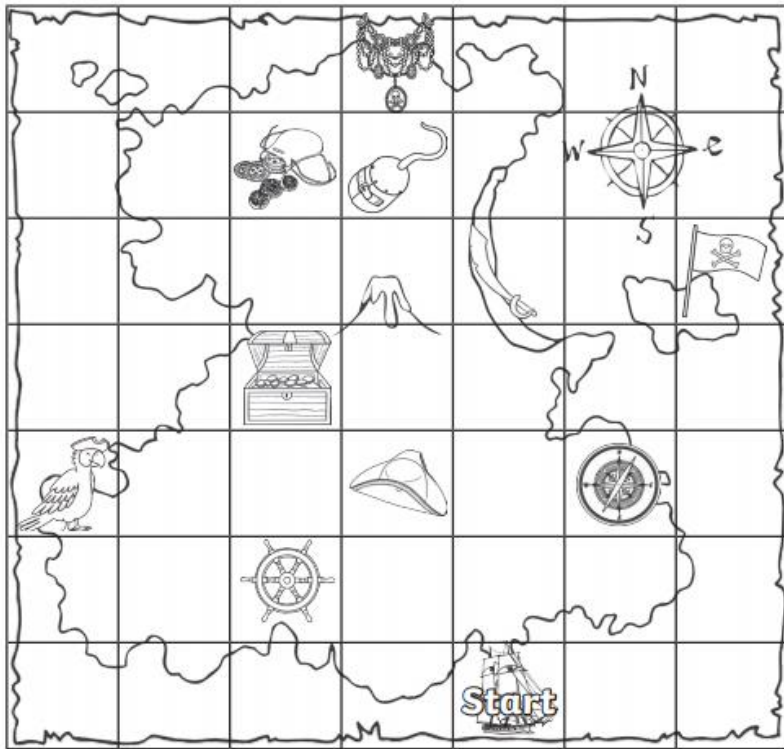
WILF Lay your socks out over an area and count how many it takes to cover the surface without big gaps or stacking up socks.

Object	Estimate (guess how many)	Measurement (How many did you count?)
Tabletop	30	 18
A shirt		
Pillow top		
This page		
A book		
A seat on a chair		
A tea towel		
One of your own		

If you do not have as many socks as Mr H you can swap them for playing cards, dominoes or any objects that are the same size.



# Treasure Map Coding



1

Treasure Map Coding Command Cards

Start



forward



forward



forward



forward

I have found...



2

Treasure Map Coding Command Cards

Start



forward



forward



right turn



forward

I have found...



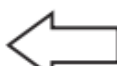
3

Treasure Map Coding Command Cards

Start



forward



left turn



forward

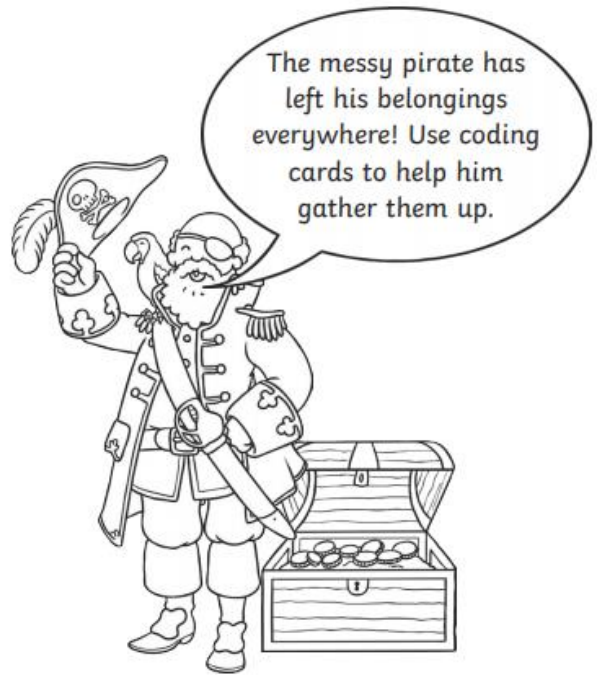
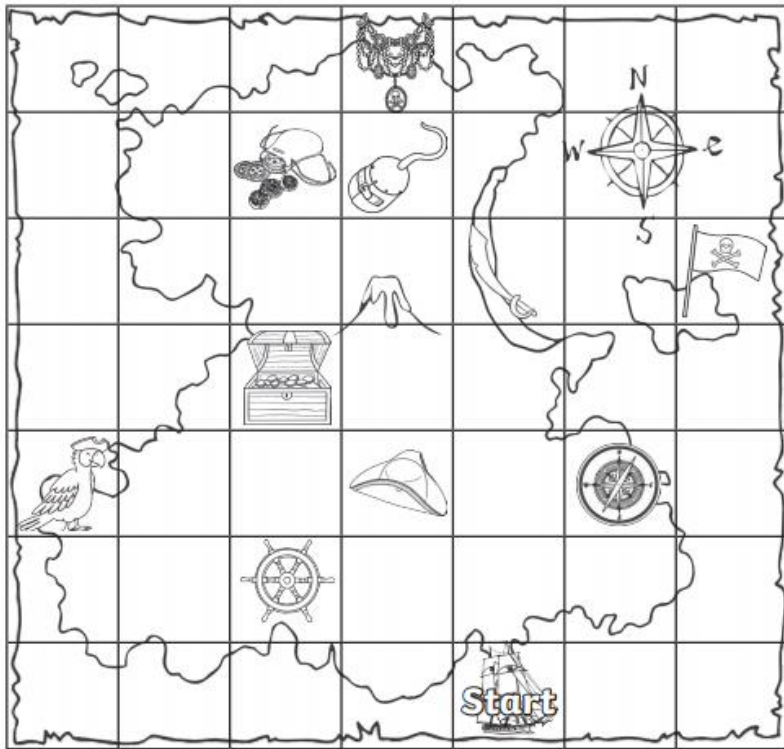


forward

I have found...



# Treasure Map Coding





**4** Treasure Map Coding Command Cards

I have found... ★

Start

↑   ↑   ←   ↑

forward   forward   left turn   forward



**5** Treasure Map Coding Command Cards

I have found... ★

Start

↑   ↑   ←   ↑   ↑   ↑   ↑

forward   forward   left turn   forward   forward   forward   forward



**1** Treasure Map Coding Command Cards

I have found... ★★

Start

↑   ↑   ↑   ←   ↑   ↑   →   ↑   ↑

forward   left turn   forward   right turn   forward

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 and race back.

Write the numbers you made.

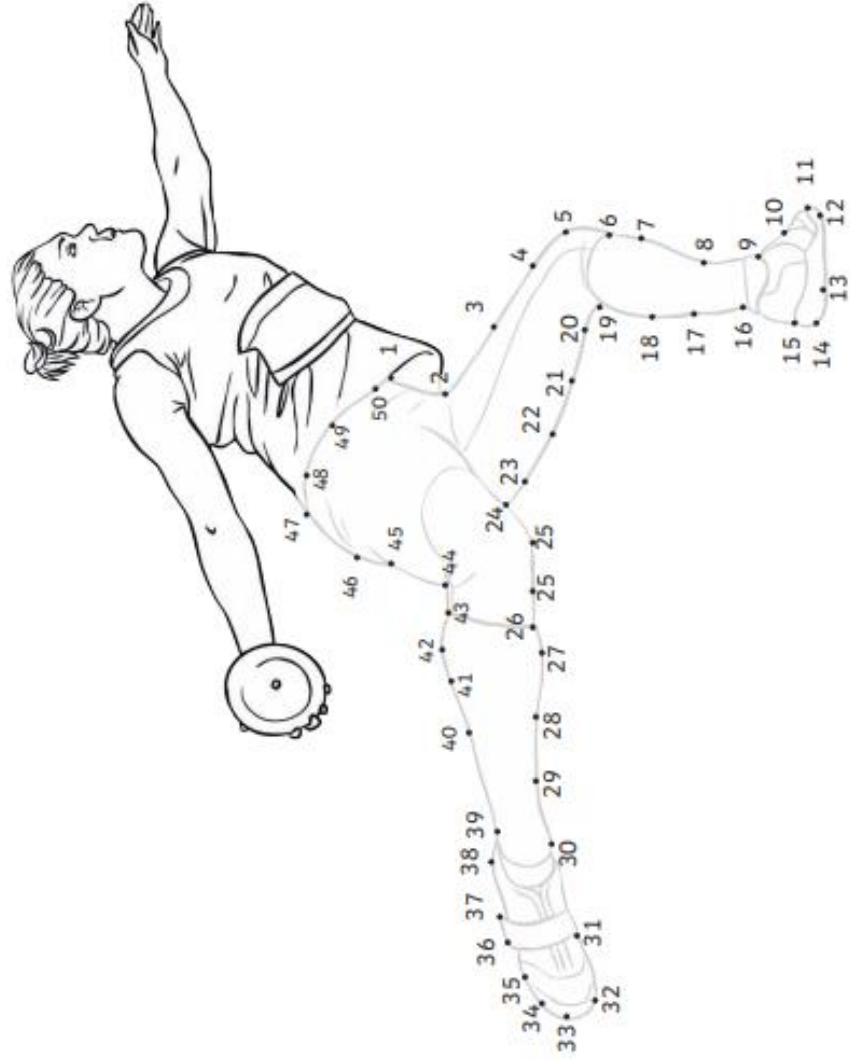

Cut out these cards to then make the numbers.

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

# Thursday

## Counting up to 40 Dot to Dot

Join the dots to reveal the picture!

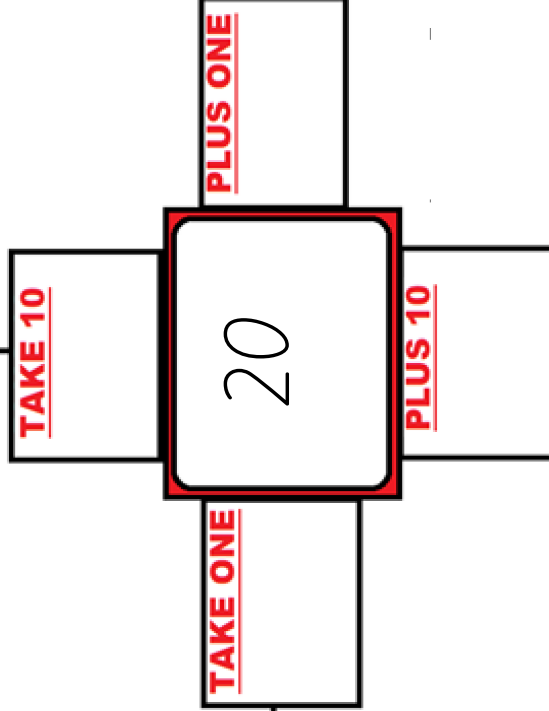


Code

How did you get there - Number Sentence

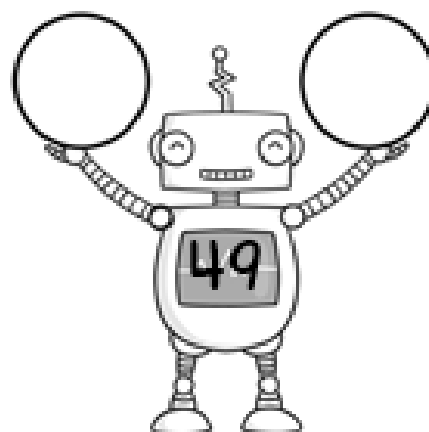
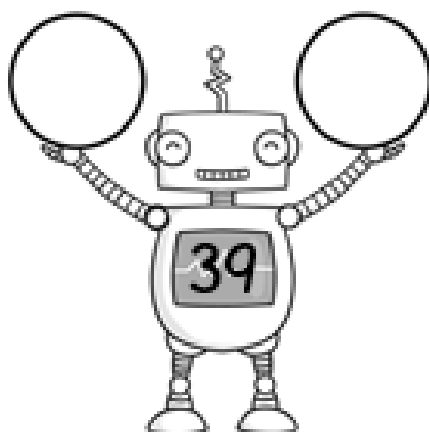
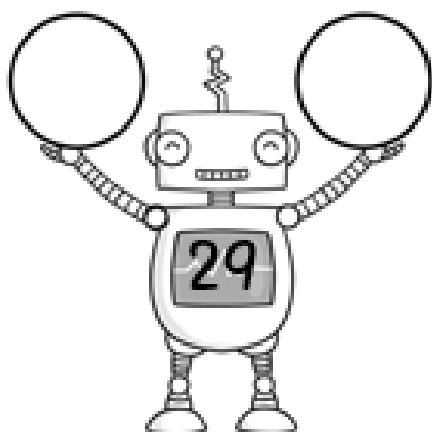
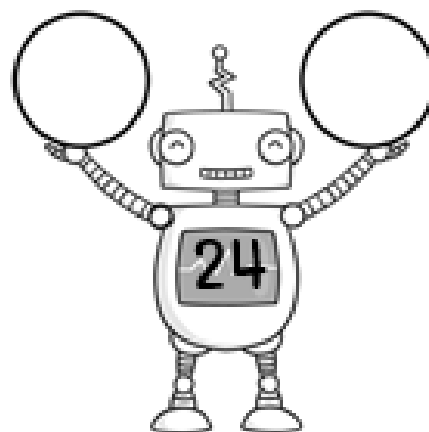
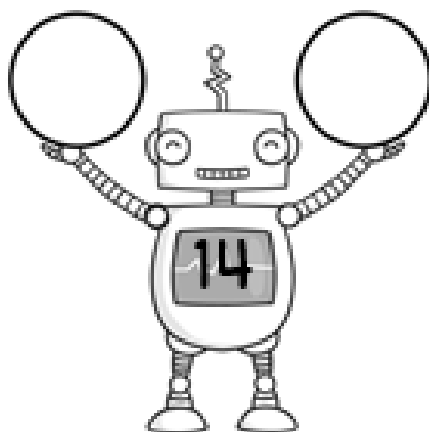
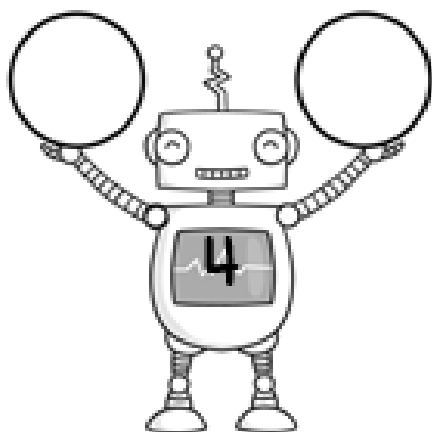
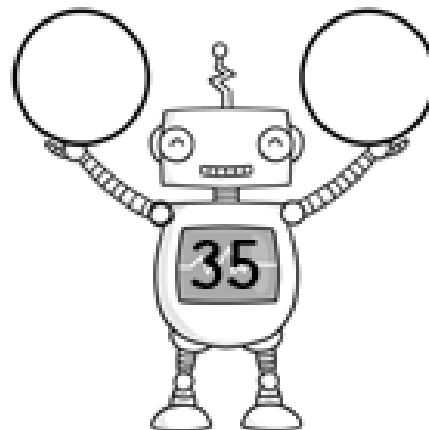
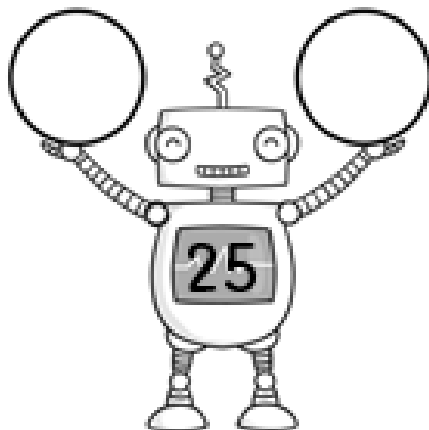
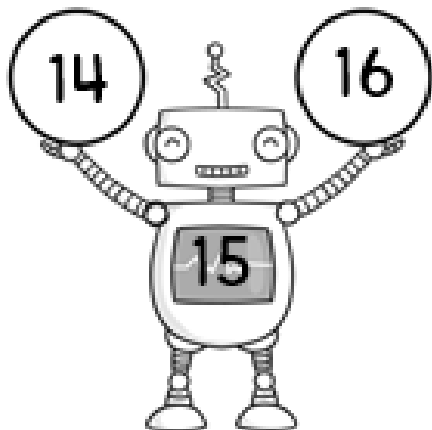
Skip count on by 2's

Written as Words



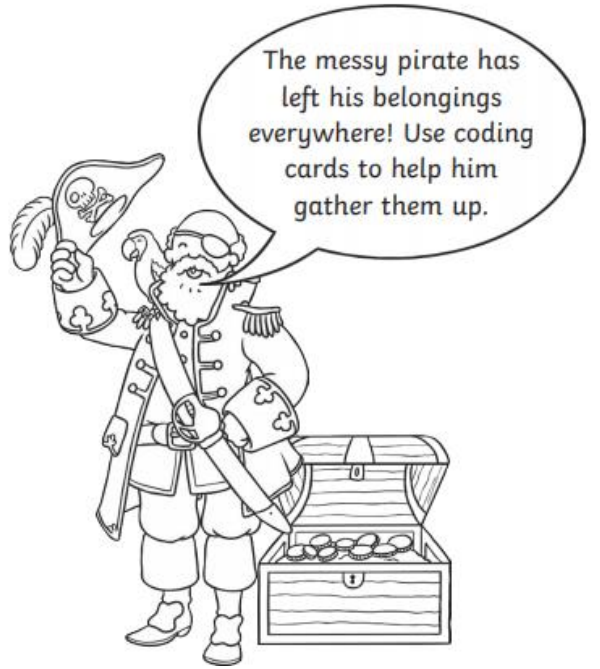
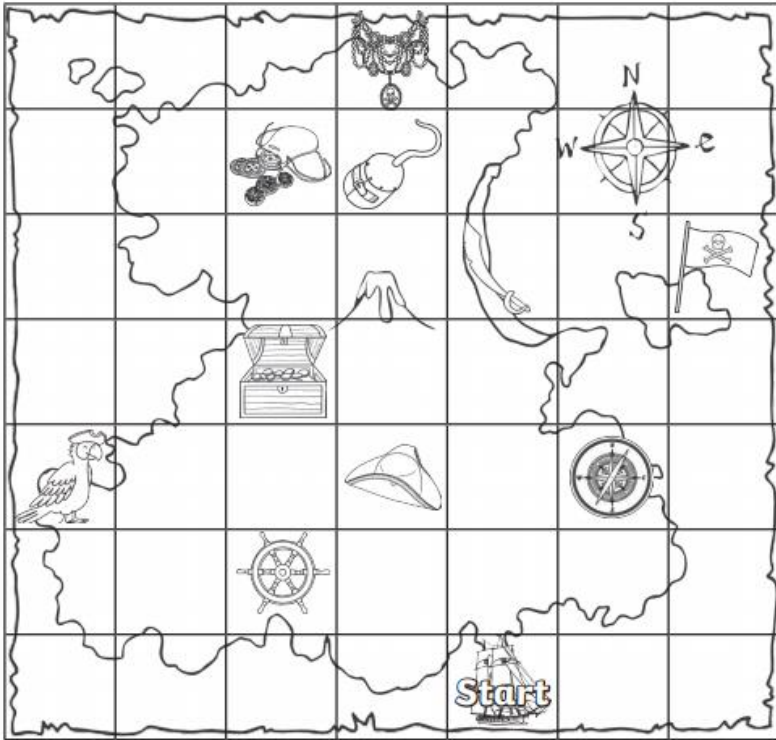
Can you find 1 more than and 1 less than the number in the robot's tummy?

E.g.



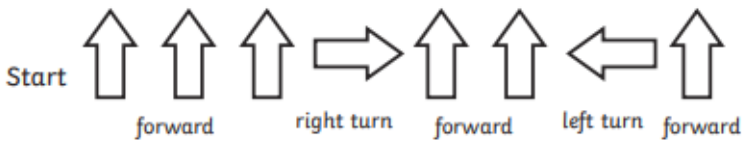
*Physical Challenge: Try to count to 50 as you throw and catch a ball. Too easy? Try to clap your hands before you catch the ball.*

# Treasure Map Coding



2

Treasure Map Coding Command Cards

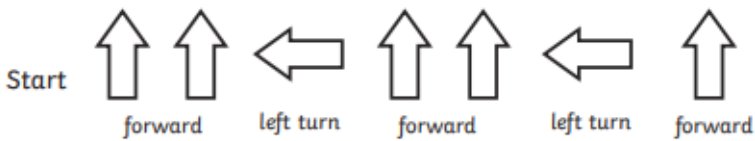


I have found...



3

Treasure Map Coding Command Cards

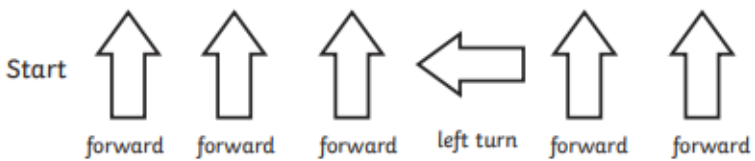


I have found...

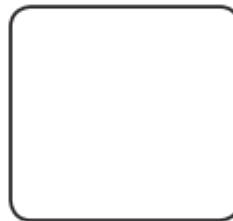


4

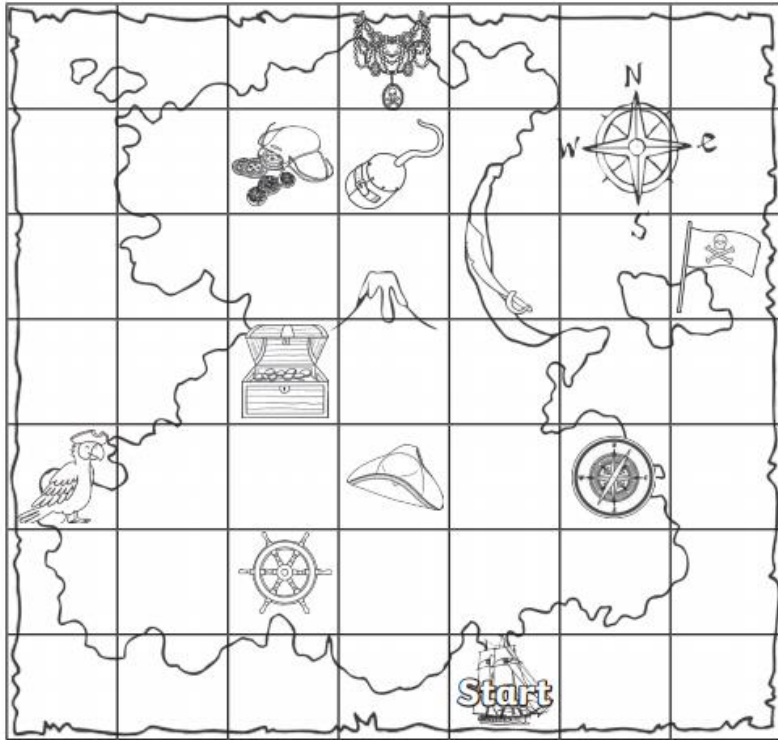
Treasure Map Coding Command Cards



I have found...



# Treasure Map Coding



5. Write the arrow directions needed to get to the coins.

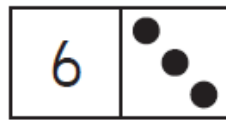
6. Write the arrow directions needed to get to the hook.

7. Write the arrow directions needed to get to the flag.



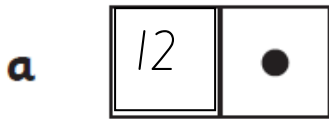
# Addition – counting on strategy

Counting on is most useful when we are adding 1, 2 or 3.

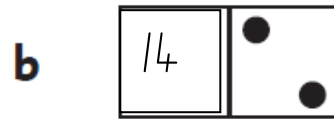


$$6 + 3 = 9$$

1 Count on. Write the number fact to match.



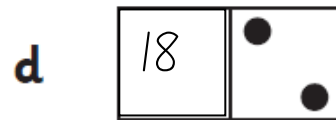
$$\boxed{12} + \boxed{\uparrow} = \boxed{\phantom{00}}$$



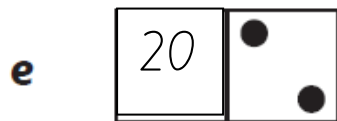
$$\boxed{14} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$



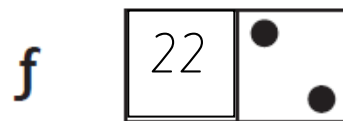
$$\boxed{16} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$



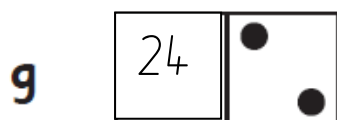
$$\boxed{18} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$



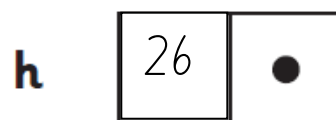
$$\boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$



$$\boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$



$$\boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

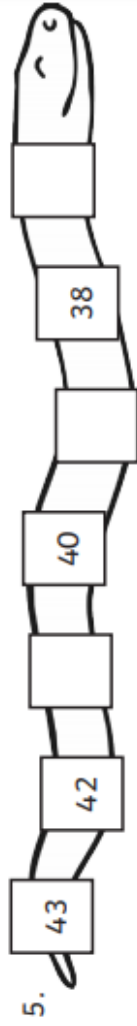
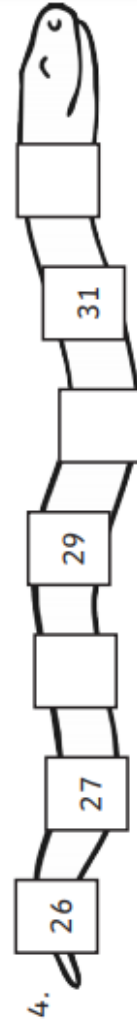
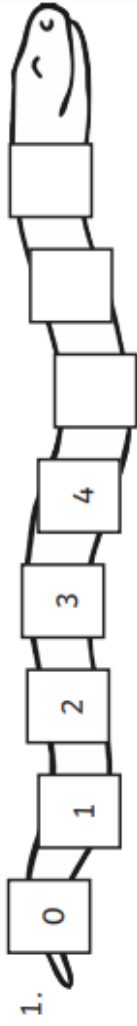


$$\boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

# Friday

## Sequence Snakes

Can you work out the missing numbers from these sequence snakes?



How did you get there - Number Sentence

Code

Written as Words

Skip count on by 2's

TAKE 10

TAKE ONE

PLUS ONE

PLUS 10

16

# Spring-Themed Counting up to 20

$$// + \begin{array}{c} \text{flower} \text{ flower} \text{ flower} \text{ flower} \text{ flower} \\ \text{flower} \text{ flower} \text{ flower} \end{array} = \boxed{\phantom{00}}$$

$$// + \text{sheep} \text{ sheep} \text{ sheep} \text{ sheep} \text{ sheep} \text{ sheep} \text{ sheep} = \boxed{\phantom{00}}$$

$$// + \begin{array}{c} \text{rabbit} \text{ rabbit} \text{ rabbit} \\ \text{rabbit} \text{ rabbit} \end{array} = \boxed{\phantom{00}}$$

$$// + \begin{array}{c} \text{tulip} \text{ tulip} \text{ tulip} \text{ tulip} \text{ tulip} \\ \text{tulip} \text{ tulip} \text{ tulip} \text{ tulip} \end{array} = \boxed{\phantom{00}}$$


$$// + \begin{array}{c} \text{butterfly} \text{ butterfly} \text{ butterfly} \\ \text{butterfly} \text{ butterfly} \text{ butterfly} \end{array} = \boxed{\phantom{00}}$$

# Area.

Area is the space inside a flat surface. To find how big an area is we can place objects on top of the surface and count how many it takes to cover that surface.

I can find flat surfaces that have a certain area by counting how many objects it takes to cover the surface.

WILF Write the surface that has the same area as the estimates shown. Measure by laying socks out over the surface and count how many it takes to cover the surface without big gaps or stacking up socks to see how close you were.






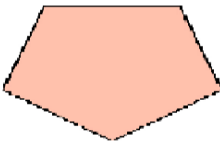



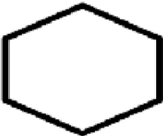

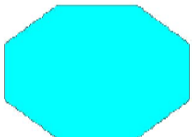
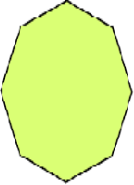

Object	Estimate (guess how many)	Measurement (How many did you count?)
Tabletop	30	 18
	about 6	
	about 8	
	about 10	
	about 12	

If you do not have as many socks as Mr H you can swap them for playing cards, dominoes or any objects that are the same size.



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

Draw a line from each shape to match with its name. Remember to count the sides to help find the shapes name. Some shapes can have the same name but look different with its size and length of edges.

Shape		Name of shape		Shape
		square		
		circle		
		rectangle		
		hexagon		
		pentagon		
		triangle		
		<b>Octagon</b>		

Well done, you are done for the week. The next page is extra work for those students who want to keep their brain busy. Have a safe and happy weekend.

## Wednesday

1.  $1 + 6 =$  \_\_\_\_\_

2.  $9 - 4 =$  \_\_\_\_\_

3.  $9 + 0 =$  \_\_\_\_\_

4. Write these numbers in order from largest to smallest: 10, 91, 23, 8. \_\_\_\_\_

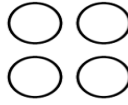
5. Complete this counting pattern:

7, 9, 11, 13, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

6. Joseph has 7 crayons. Declan has 9 crayons. How many more crayons does Declan have? \_\_\_\_\_

7. What does 8 plus 7 equal? \_\_\_\_\_

8. Colour in half of these circles.



9. What digital time does the clock show? \_\_\_\_\_



10. Circle the corners on this shape.



## Thursday

1.  $4 + 8 =$  \_\_\_\_\_

2.  $1 + 9 =$  \_\_\_\_\_

3.  $2 - 2 =$  \_\_\_\_\_

4. What is the number in the ones place in 82? \_\_\_\_\_

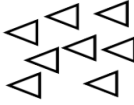
5. Complete this counting pattern:

4, 6, 8, 10, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

6. Add 3 and 7 together. \_\_\_\_\_

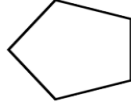
7. Jill has 3 peaches. If Jill buys 3 more peaches, how many peaches does she have altogether? \_\_\_\_\_

8. Colour in half of these triangles.



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

10. Circle the corners on this shape.



## Monday

1.  $2 + 4 =$  \_\_\_\_\_

2.  $2 - 2 =$  \_\_\_\_\_

3.  $3 + 6 =$  \_\_\_\_\_

4. Write the number showing 1 hundred, 3 tens and 9 ones. \_\_\_\_\_

5. Complete this counting pattern:

0, 10, 20, 30, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

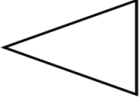
6. What does 6 plus 5 equal? \_\_\_\_\_

7. Subtract 2 from 5: \_\_\_\_\_

8.  $\$1.00 + 50$  cents = \_\_\_\_\_

9. At 3 o'clock, the hour hand points to \_\_\_\_\_.

10. Circle the corners on this shape.



## Tuesday

1.  $9 - 3 =$  \_\_\_\_\_

2.  $1 + 7 =$  \_\_\_\_\_

3.  $7 + 9 =$  \_\_\_\_\_

4. What number is made up of 5 hundreds, 1 tens and 6 ones? \_\_\_\_\_

5. Complete this counting pattern:

3, 5, 7, 9, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

6. Kaelyn had 4 balloons and was given 2 more balloons. How many balloons does Kaelyn now have? \_\_\_\_\_

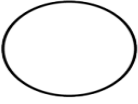
7. Subtract 1 from 2: \_\_\_\_\_

8. Draw a line to split this shape in half.



9. At 9 o'clock, the hour hand points to \_\_\_\_\_.

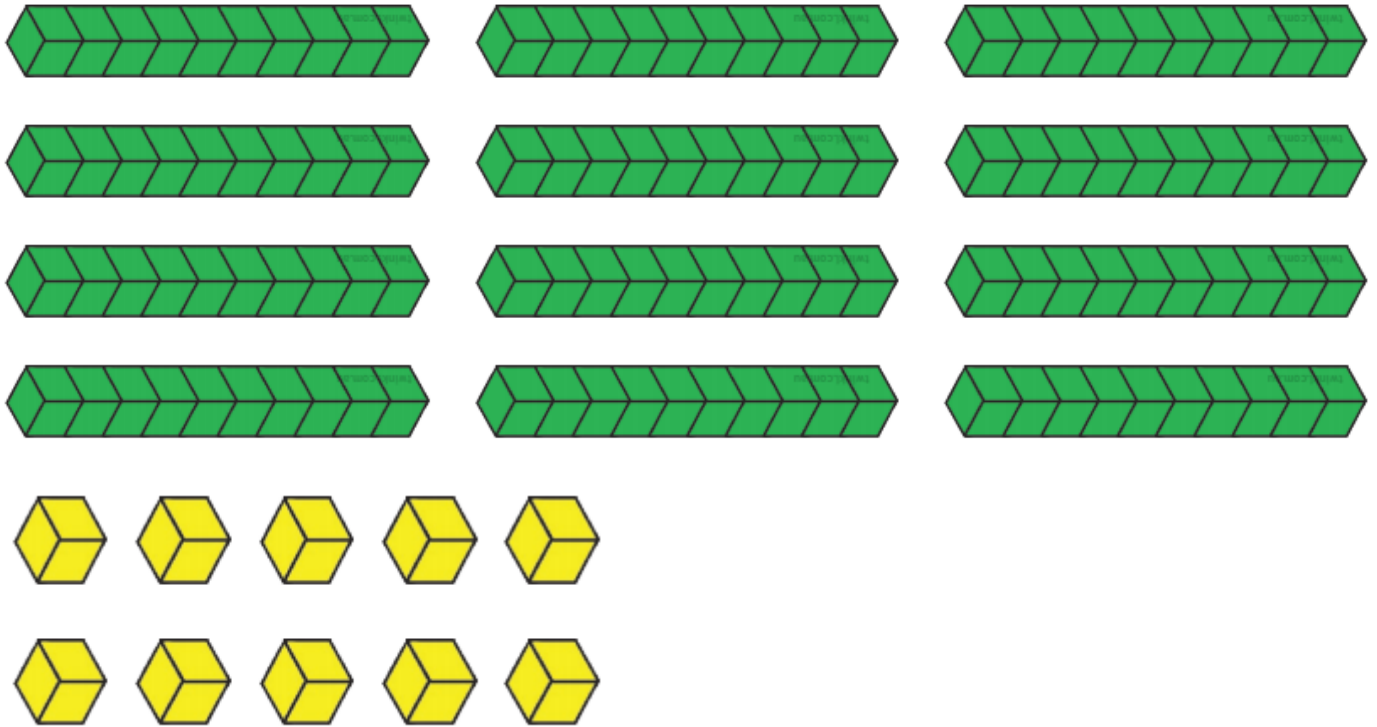
10. How many sides does a circle have? \_\_\_\_\_



# 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



