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

TOKYO 2020
PARALYMPIC GAMES

1H Paralympic Games medal count.

This week is all about trying your best. Here is how you earn a medal.

Complete all activities for the day.

You completed more activities today than you did on this day last week.

You completed more activities on this day last week than you did today.

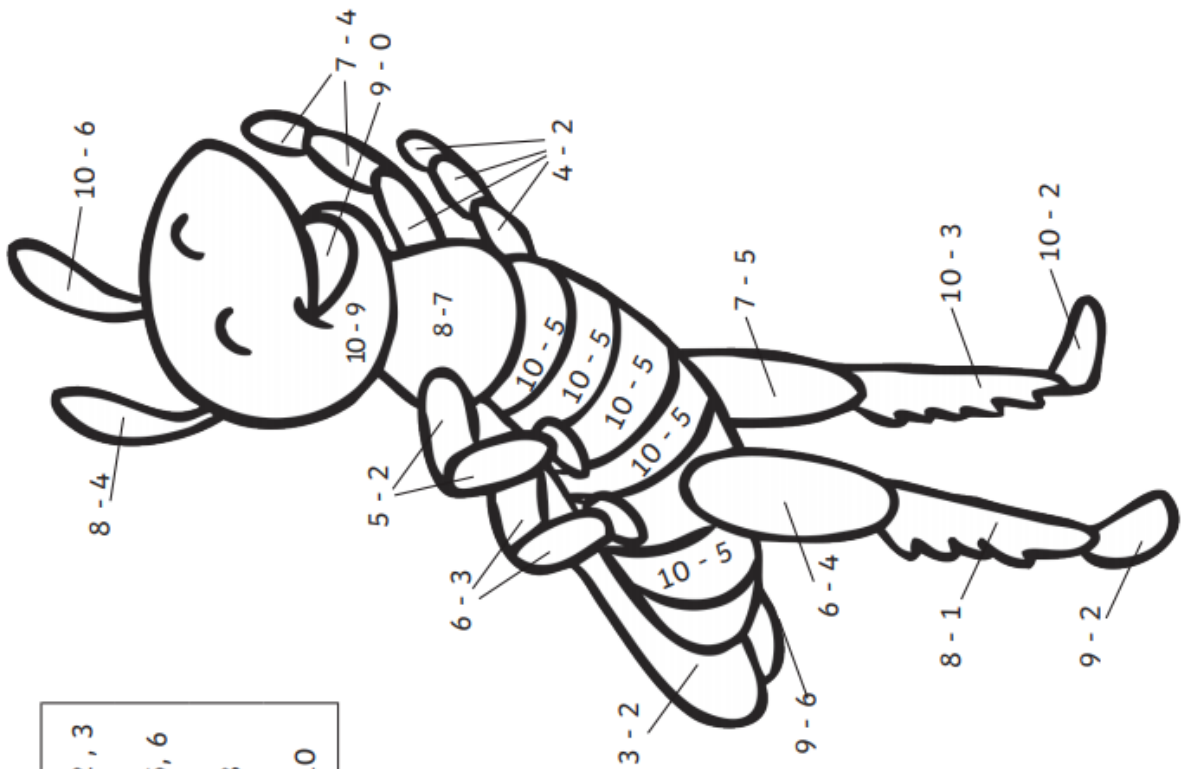| My Weekly Medal Count		

Show using tally marks.

Monday

The Cautious Caterpillar
Subtraction up to 10 Colour by Number

Solve the calculations to work out which colours to use.

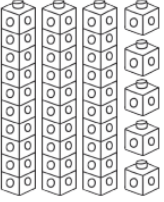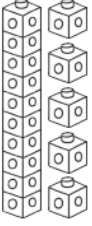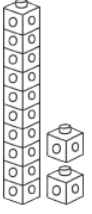| green | 1, 2 , 3 |
yellow	4, 5, 6
brown	7, 8
pink	9, 10
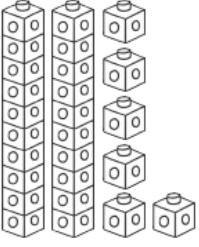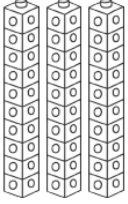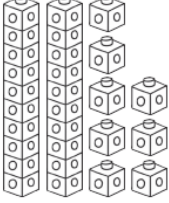
Calculations on the image:

10 - 6
8 - 4
7 - 4
9 - 0
4 - 2
10 - 9
8 - 7
5 - 2
6 - 3
10 - 5
10 - 5
10 - 5
10 - 5
10 - 5
7 - 5
10 - 3
10 - 2
3 - 2
9 - 6
6 - 4
8 - 1
9 - 2

Place Value to 30

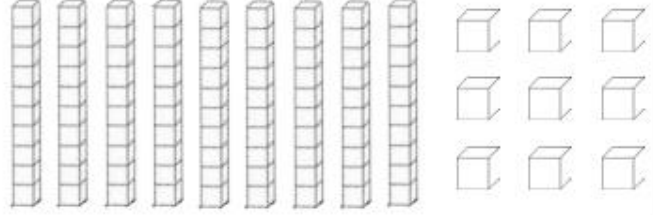I can count the tens and ones and write the matching amount.
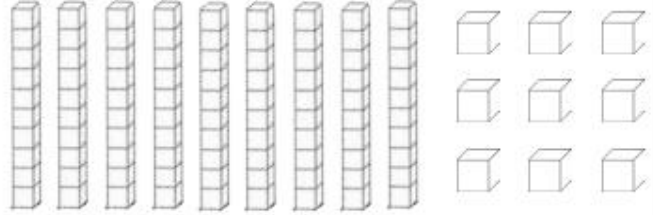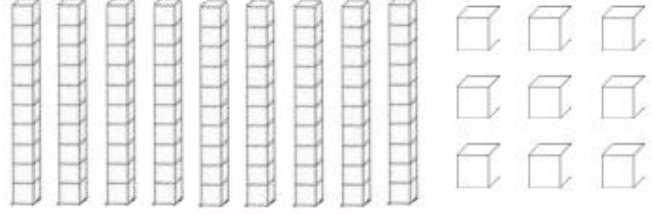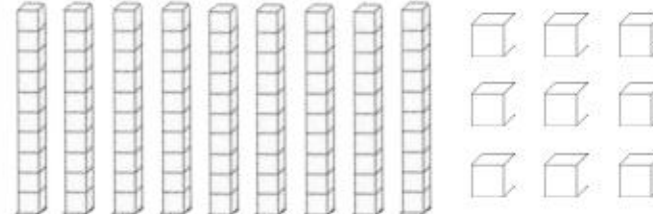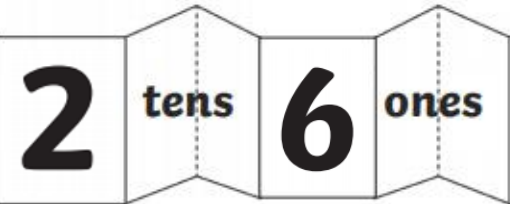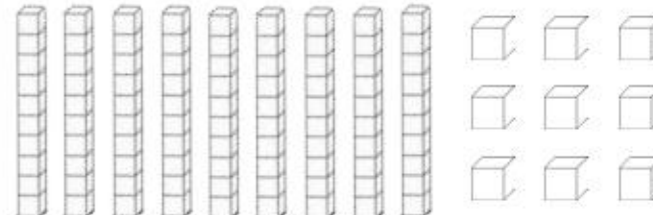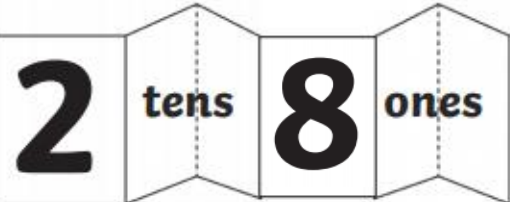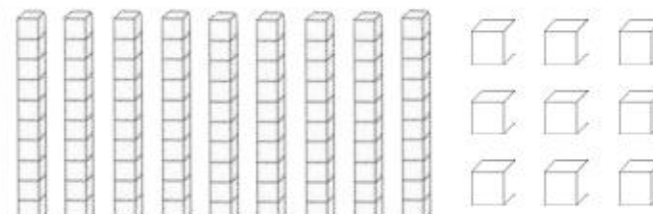
WILF (What I'm Looking For) You need to match how many tens and how many ones and place them in the correct columns then write that number.

MAB blocks	Ten	Ones	Number
	3	5	35

Base Ten Blocks and Number Expanders
Match the Number on The Expander

Colour the blocks to match the number on the expander.

1 tens 2 ones	
1 tens 7 ones	
2 tens 3 ones	
1 tens 3 ones	
2 tens 6 ones	
2 tens 8 ones	

Before and After - Numbers to 50

Fill in the missing numbers to 50.

1	2	3		5	6		8		10
	12		14	15		17			20
21			24		26		28	29	
31		33		35		37		39	40
	42	43	44		46	47	48		50

Can you put in the missing numbers that show 2 before and 2 after?

		24		
		36		
		44		
		31		
		19		

38	33
22	46
30	37
18	23
25	43
45	21
17	35
42	32
29	26
34	21

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

Tuesday

Dot to Dot 1-50
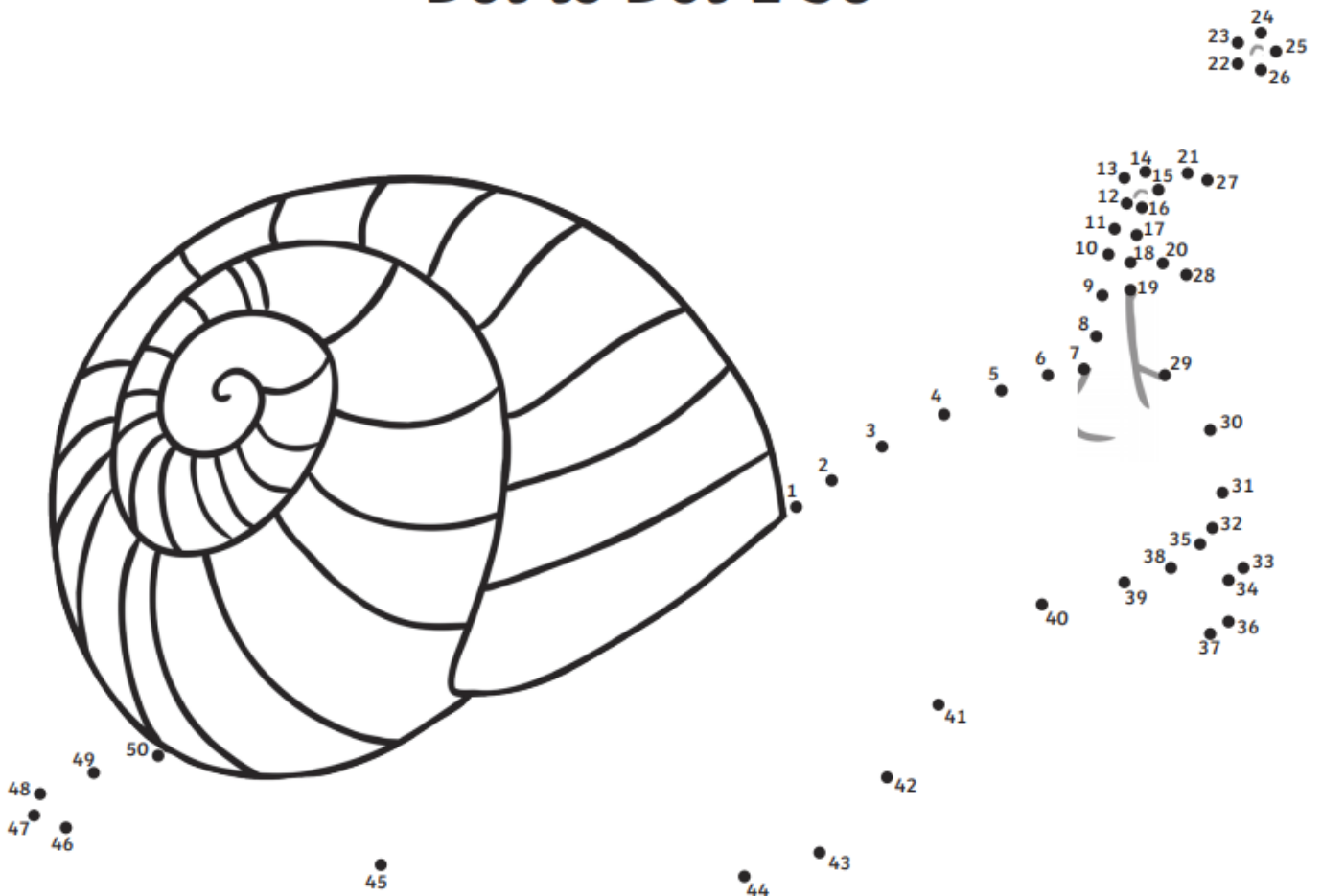
24
23 25
22 26

13 14 21
15 27
12 16
11 17
10 18 20
28
9 19
8
7 29
6
5
4 30
3
2 31
1 32
35
38 33
39 34
40 36
37

41

42

43
45 44

49 50
48
47 46

Skip Counting in 2s

Help Hoppy the kangaroo get across the river by skip counting in 2s.

The first question has been done for you.

| 2 | 4 | 6 | 8 | 10 | 12 |

Trace over the lines by skip counting in 2s.

| 6 | 8 | 10 | 12 | 14 | 16 |
| 14 | 16 | 18 | 20 | 22 | 24 |

Can you try these ones on your own by filling in the missing numbers?

8					18
16			22		26
20					

Skip Counting in 2s

Help Hoppy the kangaroo get across the river by skip counting in 2s.

The first question has been done for you.

+2 +2 +2 +2 +2 +2 +2 +2 +2

| 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 |

+2 +2 +2 +2 +2 +2 +2 +2 +2

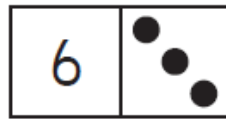| 12 | | | 18 | | | | 26 | | |
20					30			36	
16									34
28		34				42		

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 _____.
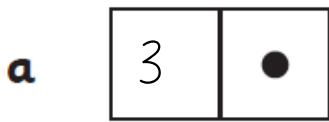
Addition – counting on strategy

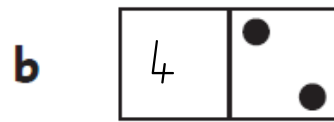Counting on is most useful when we are adding 1, 2 or 3.

6	• • •

6 + 3 = 9

1 Count on. Write the number fact to match.
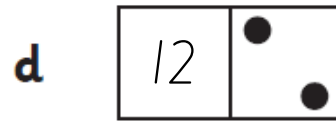
a | 3 | • |

3 + [1] = [ ]

b | 4 | • • |

[4] + [ ] = [ ]

c | 9 | • • |

[9] + [ ] = [ ]

d | 12 | • • |

[12] + [ ] = [ ]

e | 15 | • • |

[ ] + [ ] = [ ]

f | 11 | • • |

[ ] + [ ] = [ ]

g | 10 | • • |

[ ] + [ ] = [ ]

h | 17 | • |

[ ] + [ ] = [ ]
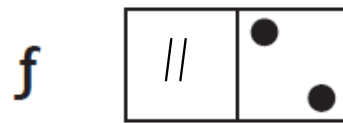
Wednesday

Plants Colour by Number
Subtraction up to 10

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

Flower 1 (top):
- 7 - 6 =
- 10 - 2 =
- 8 - 0 =
- 10 - 0 =
- 2 - 1 =
- 6 - 5 =
- 6 - 3 =
- 10 - 7 =
- 10 - 1 =
- 10 - 1 =
- 10 - 1 =
- 6 - 2 =
- 6 - 2 =
- 6 - 2 =
- 6 - 2 =

Flower 2 (bottom):
- 8 - 6 =
- 10 - 8 =
- 10 - 10 =
- 10 - 5 =
- 3 - 1 =
- 5 - 3 =
- 9 - 3 =
- 9 - 6 =
- 10 - 1 =
- 9 - 3 =
- 4 - 1 =
- 9 - 5 =
- 9 - 5 =
- 9 - 5 =
- 9 - 5 =
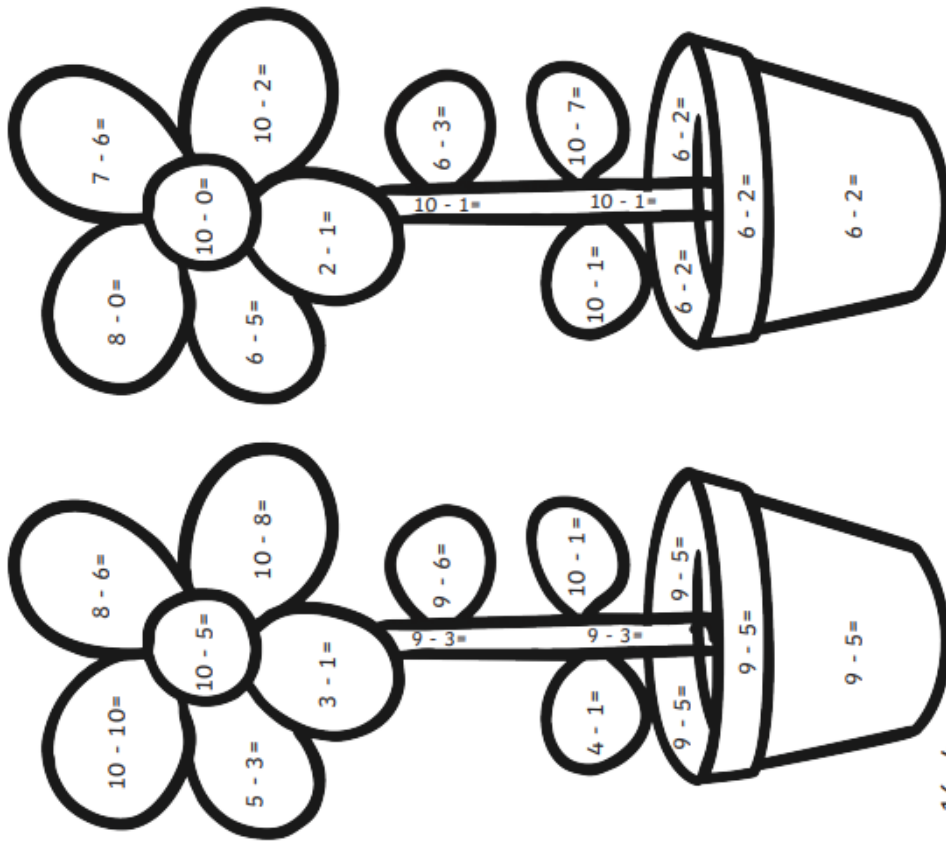
Brown - 16, 4
Green - 3, 6, 9, 12, 15, 18
Orange - 5, 10
Red - 11, 14, 17, 20, 2
Yellow - 7, 19, 8, 0, 1

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.

$$4 - 1 = \bigcirc$$

$$5 - 1 = \bigcirc$$

$$2 - 1 = \bigcirc$$

$$6 - 1 = \bigcirc$$

$$4 - 1 = \bigcirc$$

Zoo Subtraction

Write the answers in the circles. Then write the number sentence on the line below.

$$5 - 1 = \bigcirc$$
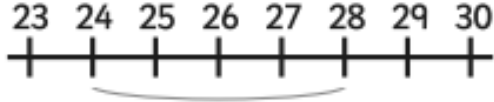
$$5 - 1 = \bigcirc$$
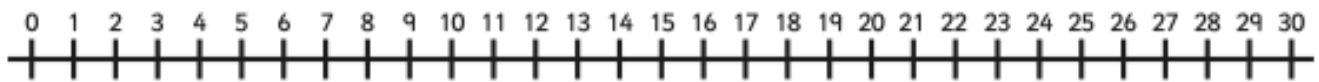
$$8 - 1 = \bigcirc$$

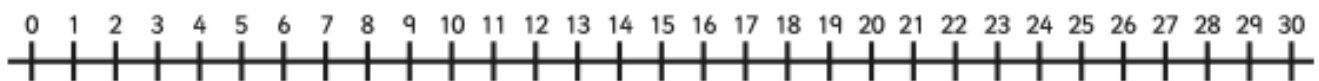$$4 - 1 = \bigcirc$$

$$5 - 1 = \bigcirc$$

Subtraction from 30 with a Number line

30 - 4 =

0 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

20 - 4 =

0 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

25 - 4 =

0 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

15 - 4 =

20 21 22 23 24 25 26 27 28 29 30

29 - 1 =

20 21 22 23 24 25 26 27 28 29 30

23 - 3 =

16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

27 - 5 =

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

20 - 11 =

16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
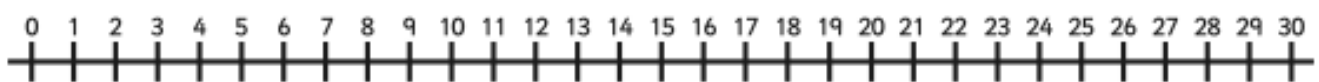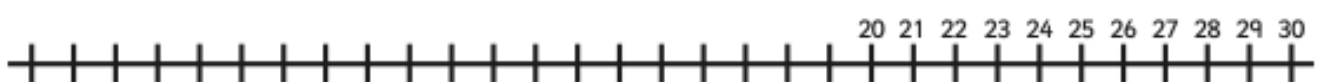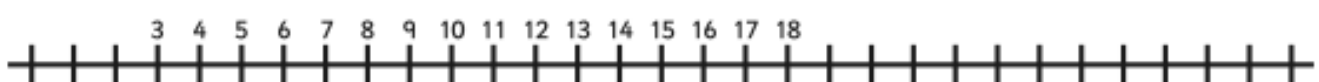
Make 10 Cars

Complete the number sentence to make 10.

6 + ☐ = 10

3 + ☐ = 10

5 + ☐ = ☐

☐ + ☐ = ☐

☐ + ☐ = ☐

☐ + ☐ = ☐

Write your own number sentence:

Star Number Bonds to 10

Write the missing number to make each star equal to 10.

6 + ☐

8 + ☐

10 + ☐

2 + ☐

5 + ☐

10

9 + ☐

1 + ☐

3 + ☐

7 + ☐

4 + ☐

0 + ☐

Thursday

The Cautious Caterpillar

Subtraction up to 20 Colour by Number

Solve the calculations to work out which colours to use.

light green	2, 3, 4
yellow	5, 6, 7, 8
dark green	10, 11, 12
blue	13, 14
black	15, 16, 17
grey	18, 19, 20
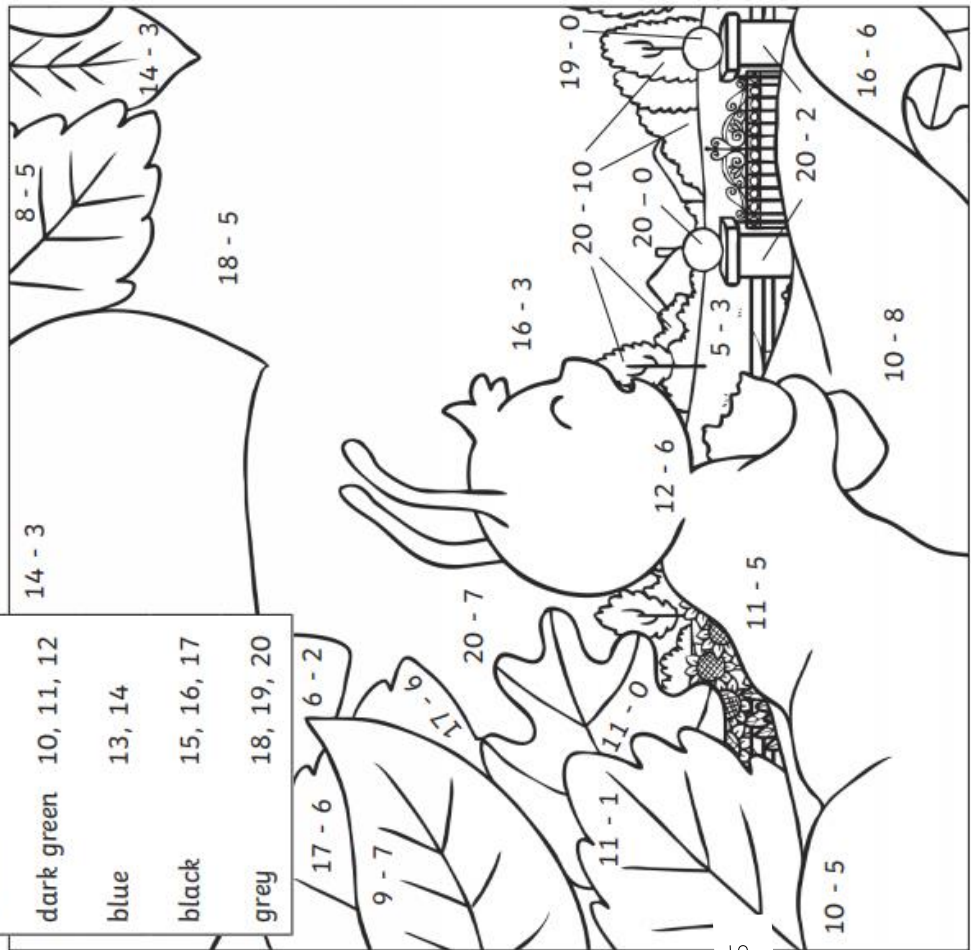
14 − 3

8 − 5

18 − 5

14 − 3

17 − 6

9 − 7

11 − 7

6 − 2

20 − 7

11 − 1

11 − 0

11 − 5

10 − 5

12 − 6

16 − 3

5 − 3

20 − 10

20 − 0

19 − 0

20 − 2

16 − 6

10 − 8

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 _____.

Dot to Dot 1-50

Snake Subtraction from 20

Match the colours to the numbers.

1-3 = red

4-6 = orange

7-9 = yellow

10-12 = blue

13-15 = green

16-20 = purple

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

Number line: 0 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
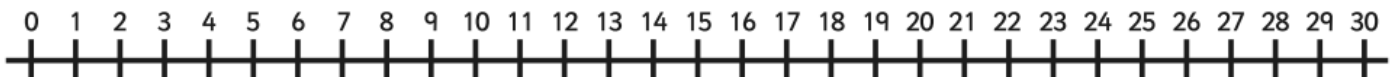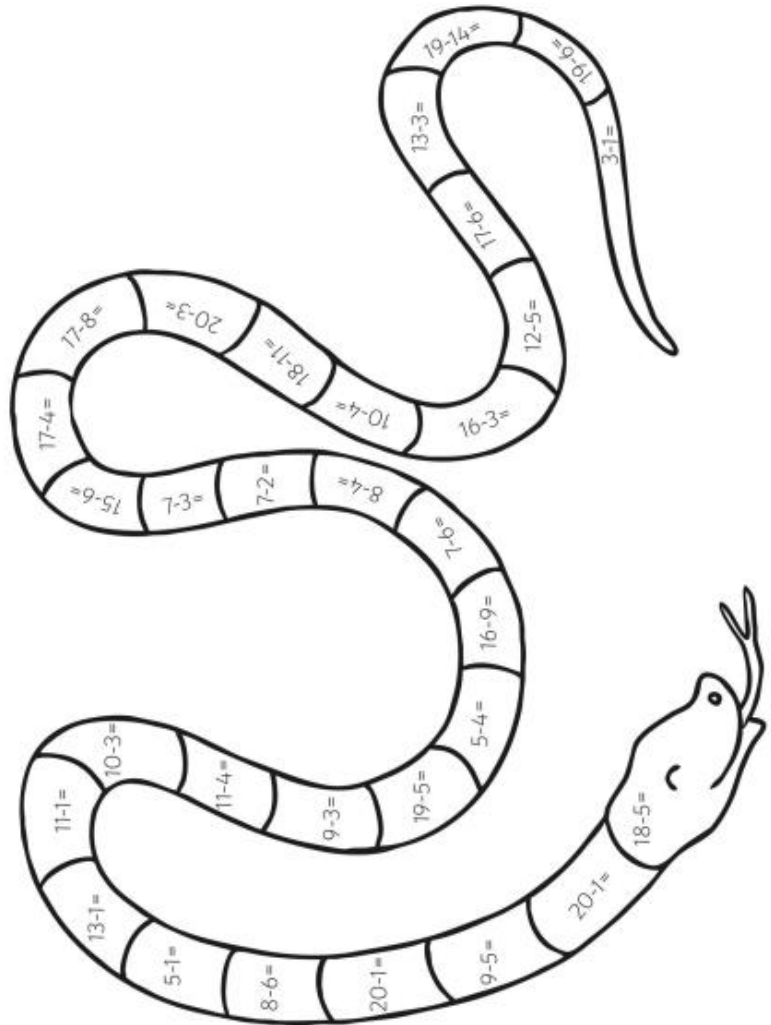
I can name 2D shapes.

WILF (What I'm Looking For) You will need to colour each type of shape. Put the correct number in each shape to show its name.

2D Shape Colouring

Can you colour the shapes to complete the picture?

Key:

☐ = purple

△ = yellow

☐ = green

◯ = blue
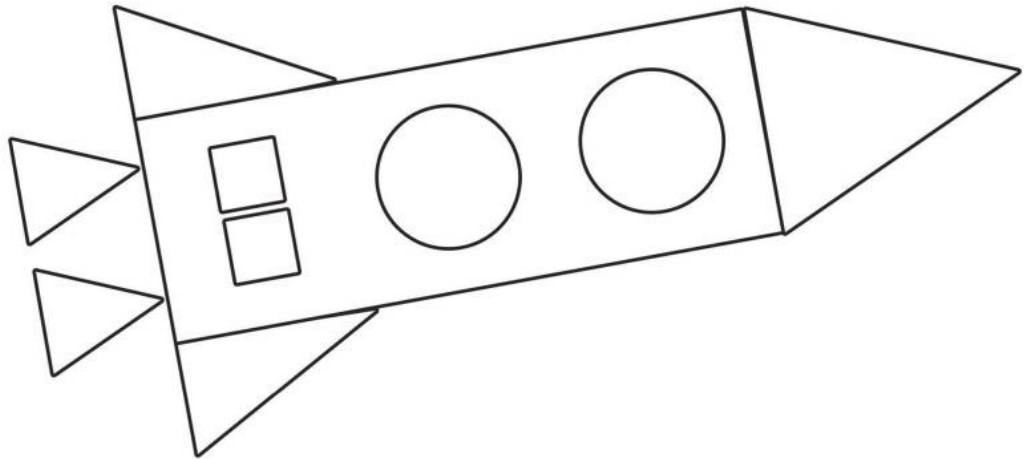
1= rectangle, 2= triangle, 3= square, 4= circle, 5= hexagon, 6= pentagon

2D Shape Colouring

Can you colour the shapes to complete the picture?

Key:

▯ = green

◁ = red

⬡ = blue

⬠ = yellow
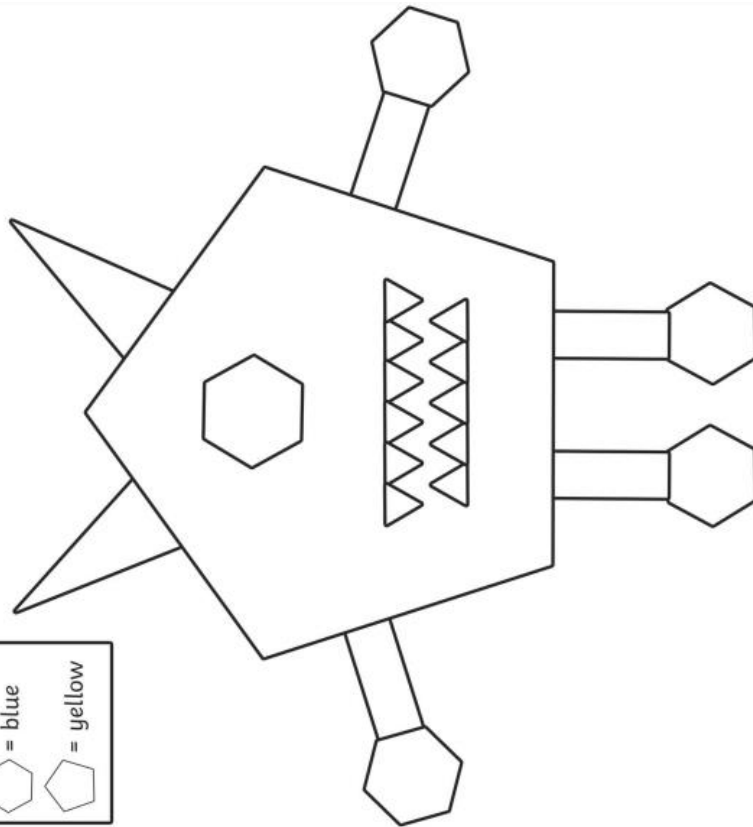
Physical Challenge: 2D Challenge. Sit an object on a piece of paper. Trace around the bottom of the object and it will make a 2D shape. Name the objects you found that left a:

circle _____ square _____ triangle _____

Shape Monsters

I can name and use 2D shapes to make a picture.

WILF: You need to make a picture using the shapes on the next 2 pages. You can cut and glue them onto this page or just draw if you have no glue.

Write how many of each shape you used in your picture:

Trapeziums _____

Triangles _____

Rectangles _____

Pentagons _____

Hexagons _____

Circles _____

Shapes to cut out:
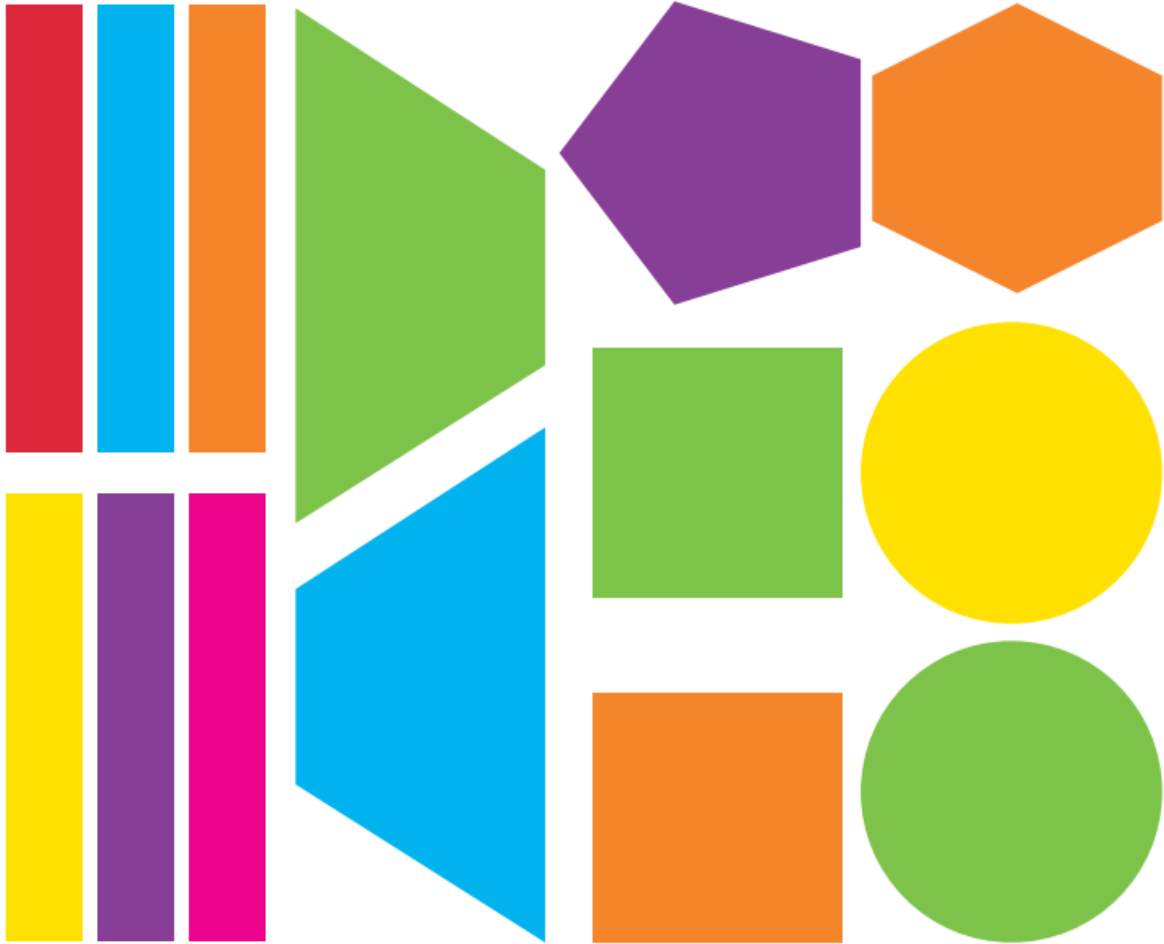
Friday

The Cautious Caterpillar
Subtraction up to 20 Colour by Number

Solve the calculations to work out which colours to use.

light green	2, 3, 4
dark green	5, 6, 7, 8
blue	9, 10
red	11, 12
black	13, 14
grey	15, 16
brown	17, 18
orange	19, 20

20 - 11

18 - 5

12 - 0

20 - 6

20 - 6

19 - 3

16 - 6

20 - 6

16 - 1

13 - 1

16 - 3

20 - 6

18 - 5

15 - 1

19 - 1

19 - 1

19 - 1

20 - 10

8 - 4

9 - 7

5 - 3

8 - 5

6 - 3

8 - 5

5 - 3

6 - 3

5 - 3

10 - 7

10 - 5

12 - 7

10 - 6

10 - 7

9 - 7

10 - 7

10 - 1

8 - 5

20 - 1

5 - 3
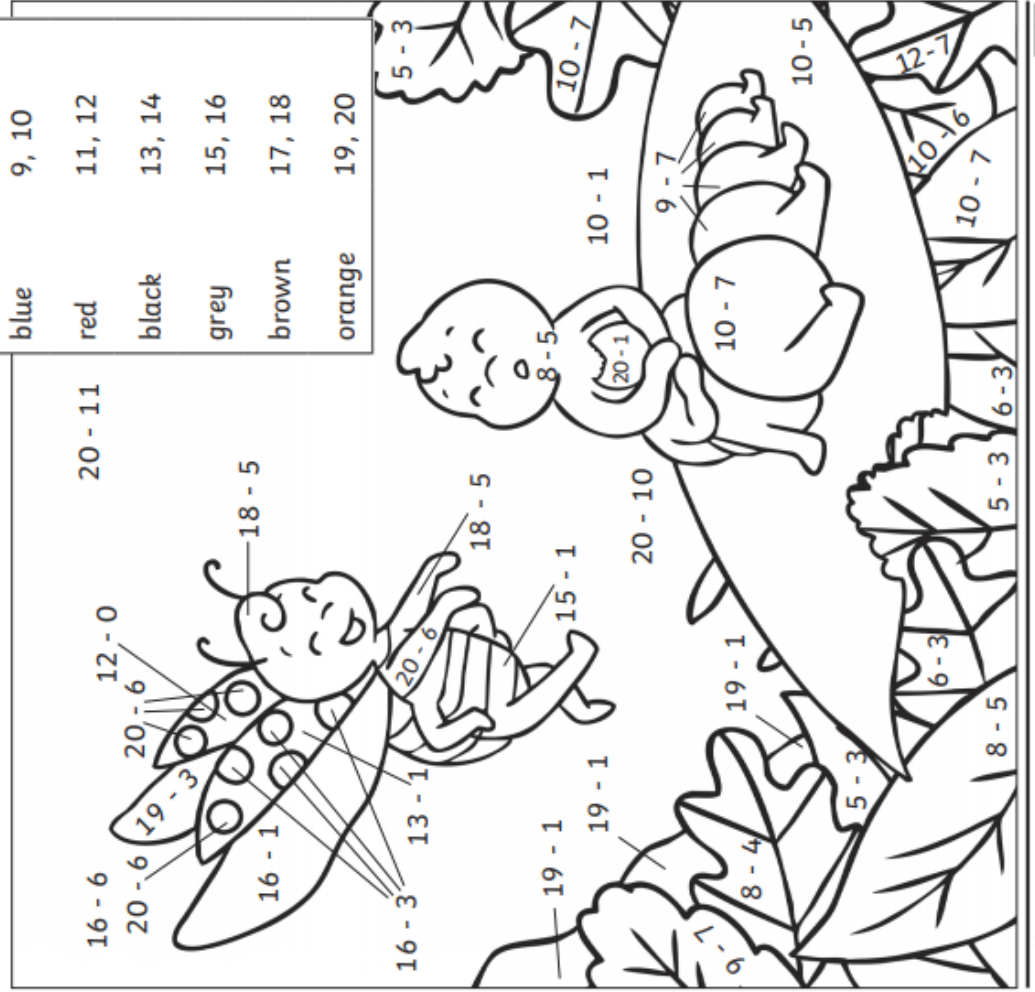
I can make the number you say.

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
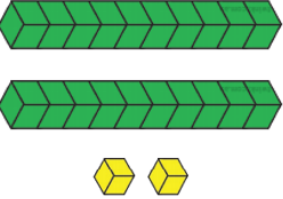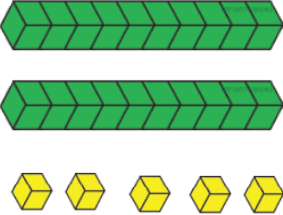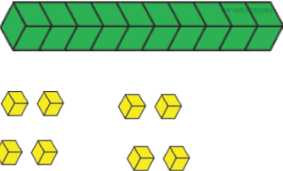
Write the numbers you made.

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

I can show the number to match and amount.

WILF: Write the number that matches the MAB blocks.

MAB blocks	Tens	Ones	Number

I can show the amount to match a number.

WILF: Draw the MAB blocks to match the numbers.

MAB blocks	Tens	Ones	Number
			5
			15
			25
			3
			13
			23
One of your own			

Paralympics 2D Shape Sport Challenge.

Use the 2D shapes to make the following Paralympic sports.
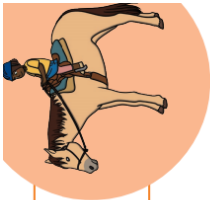
Use your tangram shapes to build me below.
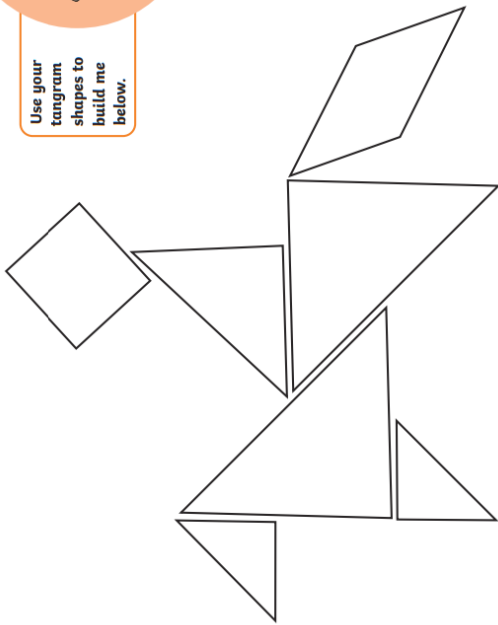
Use your tangram shapes to build me below.
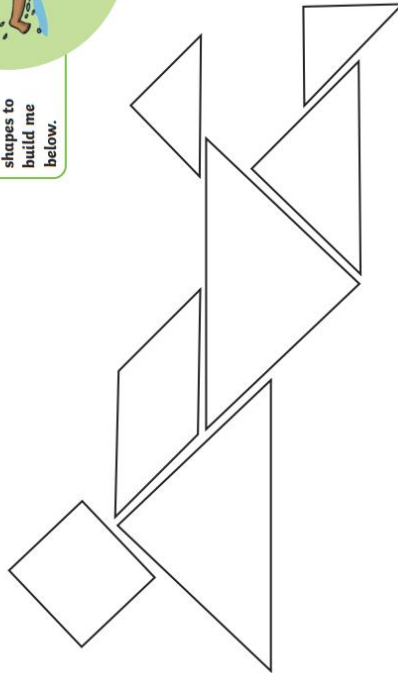
Put a tick one the pictures you were able to make.

Cut or carefully tear out the bottom shapes to make these Paralympic sports.

Sports Tangrams Activity

Use your tangram shapes to build me below.

Use your tangram shapes to build me below.

Use your tangram shapes to build me below.
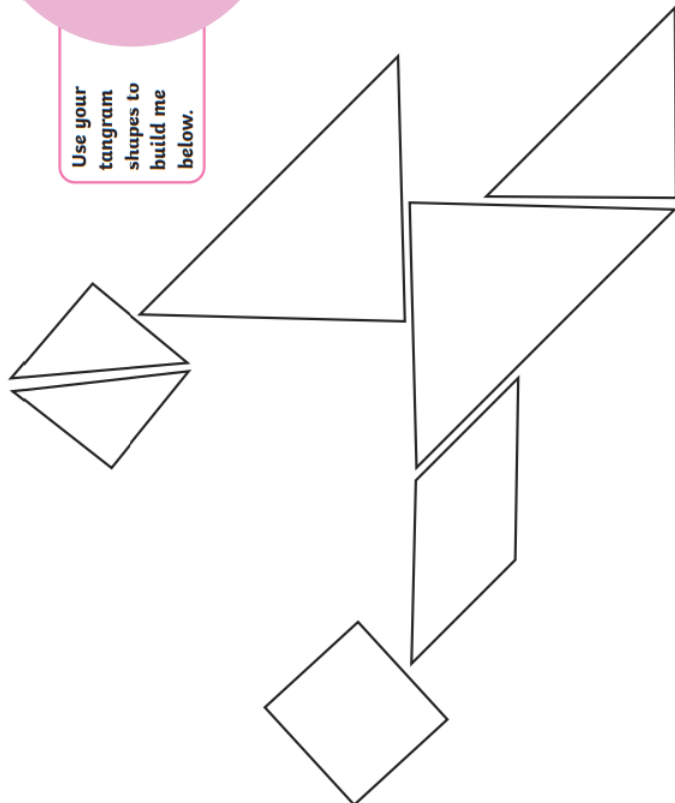
Use your tangram shapes to build me below.
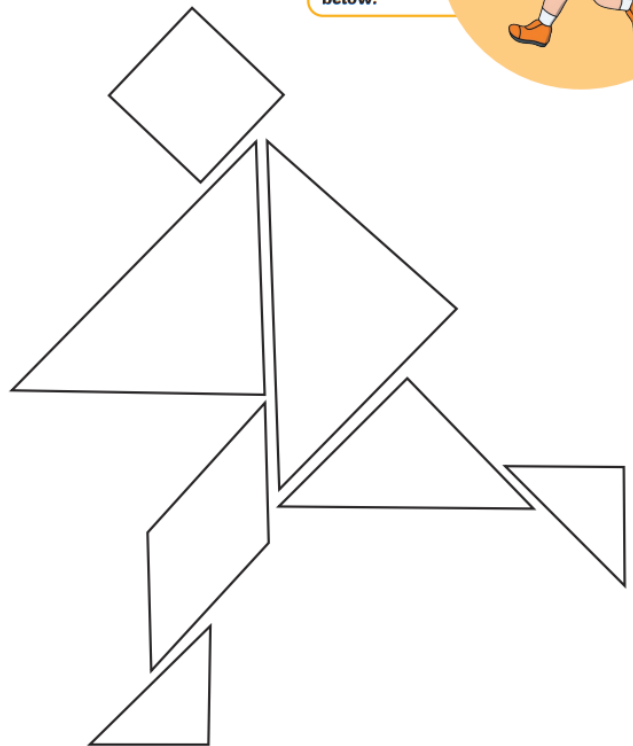
Is My Number Odd or Even?

To complete this activity, you need 20 counters. You might use 20 peas or other small items, or use dots on a piece of paper, like in the example below.

We are always told that even numbers can be shared into two even groups.

For example, using dots:

12 must be even

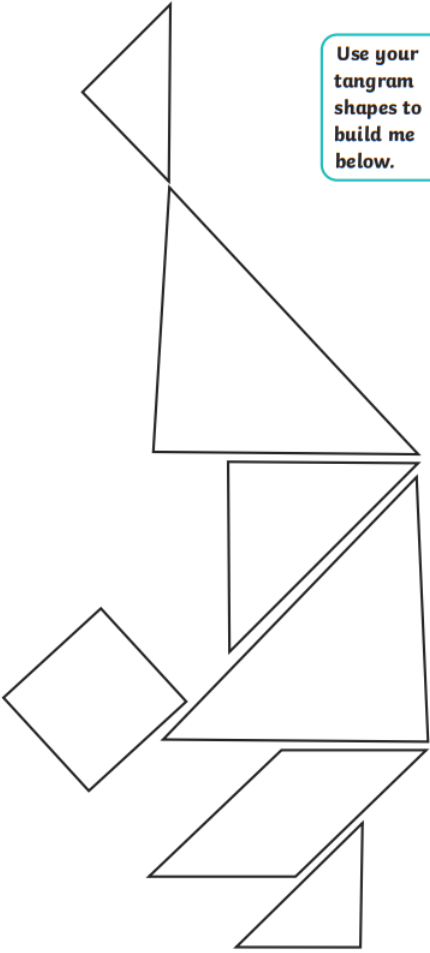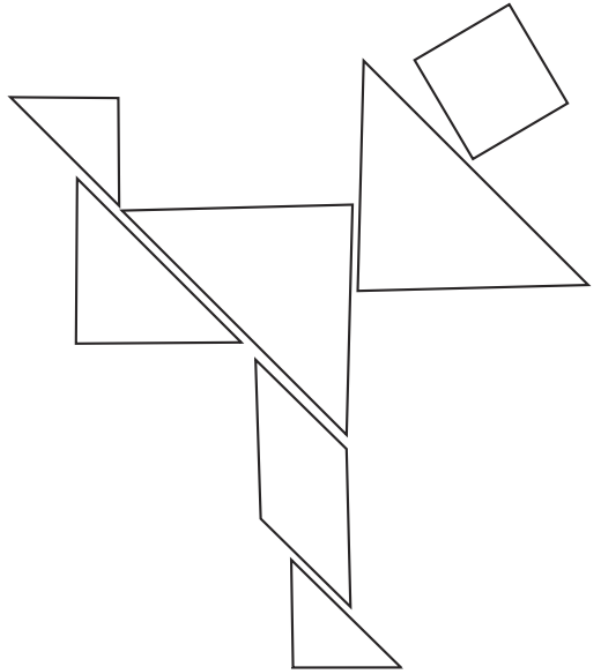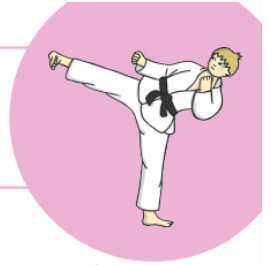group 1   group 2

7 must be odd

group 1   group 2   'odd' one out
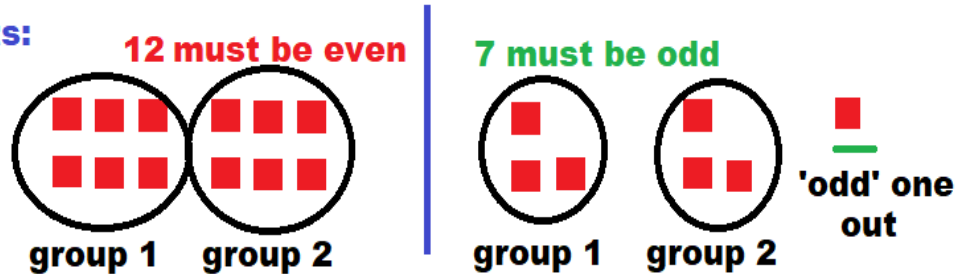
Make each of the following numbers using your cubes or counters and see if you can split them into two equal groups.

Colour the even numbers on the chart blue.

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

Group 1	Group 2

Well done, you have completed all maths work for the week! The next page is just extra work for those who want to keep their brain busy! Have a good and safe weekend 😊

Monday

1. $2 + 8 =$ ____

2. $6 + 1 =$ ____

3. $2 - 2 =$ ____

4. What is the number in the ones place in 26? ____

5. Complete this counting pattern:
7, 17, 27, 37, ____ , ____ , ____

6. Add 7 and 5 together. ____

7. What is the sum of 4 and 9? ____

8. What is the value of this coin? ____

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

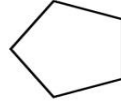10. What is the name of this shape? ____

Tuesday

1. $7 - 3 =$ ____

2. $2 + 6 =$ ____

3. $5 + 7 =$ ____

4. Write these numbers in order from largest to smallest: 94, 26, 94, 22. ____

5. Complete this counting pattern:
6, 11, 16, 21, ____ , ____ , ____

6. Arianna has 3 apples. If Arianna buys 5 more apples, how many apples does she have altogether? ____

7. In a group of 7 students, 2 would like to play American football and the rest want to play badminton. How many want to play badminton? ____

8. What is the value of this coin? ____

9. At 8 o'clock, the hour hand points to ____ .

10. How many sides does a rectangle have? ____

Wednesday

1. $4 + 3 =$ ____

2. $9 - 6 =$ ____

3. $4 + 5 =$ ____

4. What is the value of the number in the ones place in 72? ____

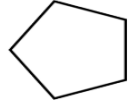5. Complete this counting pattern:
8, 10, 12, 14, ____ , ____ , ____

6. Liam had 2 pieces of LEGO and was given 8 more pieces of LEGO. How many pieces of LEGO does Liam now have? ____

7. Brody has 6 balloons. Gabriel has 13 balloons. How many more balloons does Gabriel have? ____

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

9. What digital time does the clock show? ____

10. Circle the corners on this shape.

Thursday

1. $0 + 5 =$ ____

2. $9 - 3 =$ ____

3. $2 + 1 =$ ____

4. Write the numeral for eighty-seven: ____

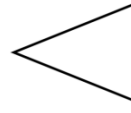5. Complete this counting pattern:
2, 4, 6, 8, ____ , ____ , ____

6. What is the sum of 4 and 1? ____

7. What does 4 plus 8 equal? ____

8. What is the value of this coin? ____

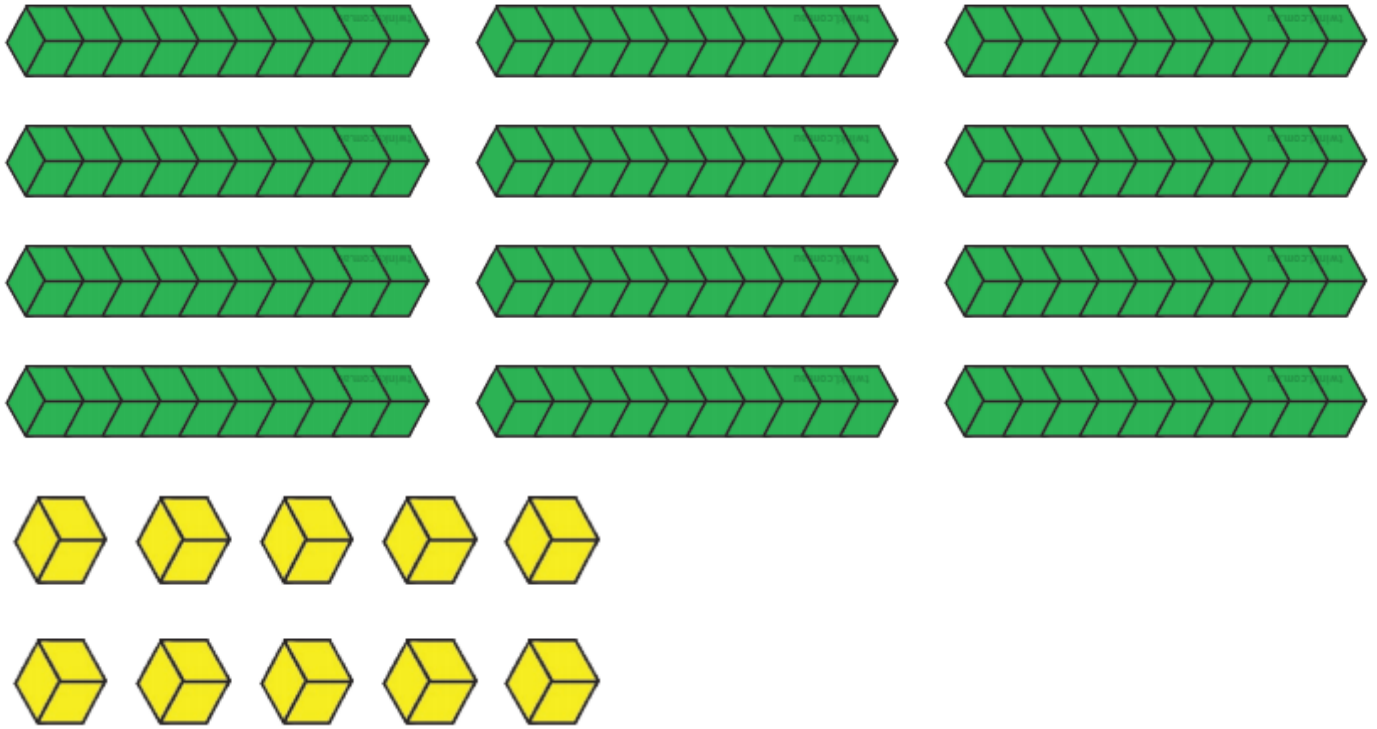9. What digital time does the clock show? ____

10. Circle the corners on this shape.

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