Plattsburg Public School

Final week of

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.
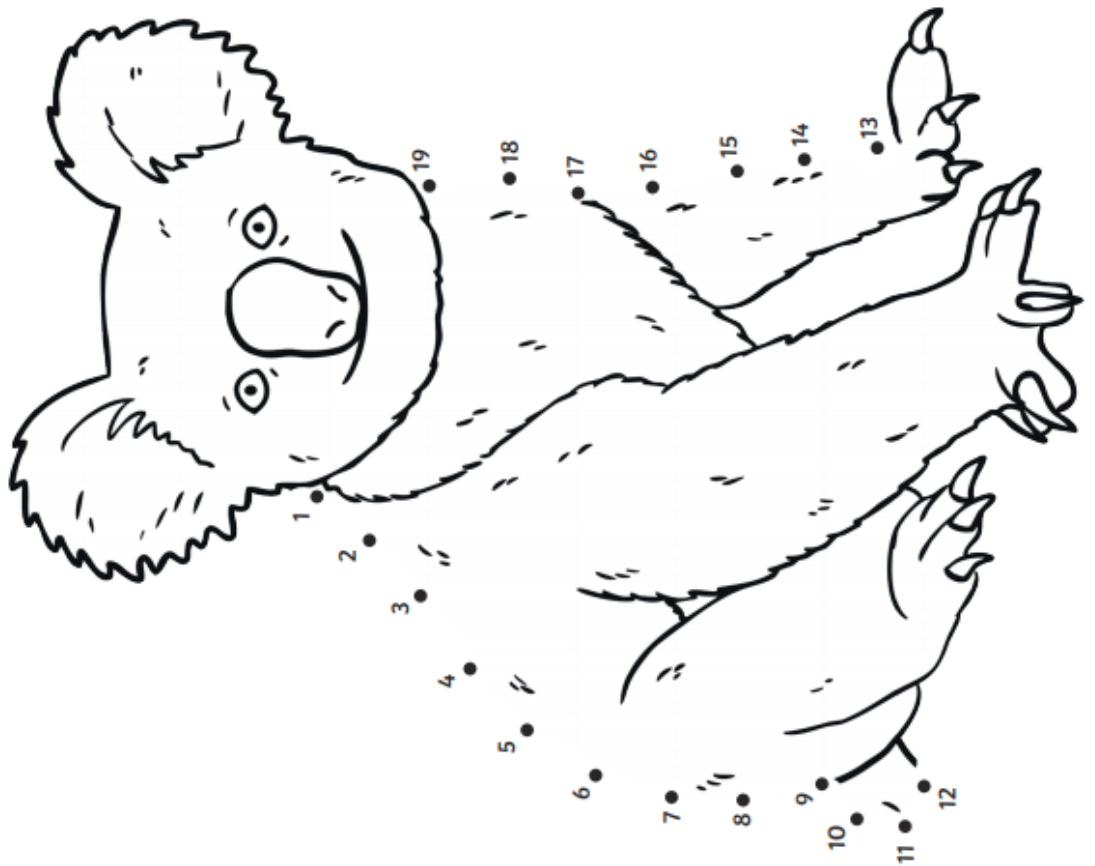
If the Physical Challenges are exhausting, please stop.

Hopefully see you all soon.

Mr H

Monday

Australian Animals Dot to Dot Activity

Koala

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

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

TAKE 10

Can't do.

PLUS ONE

TAKE ONE

PLUS 10

∞

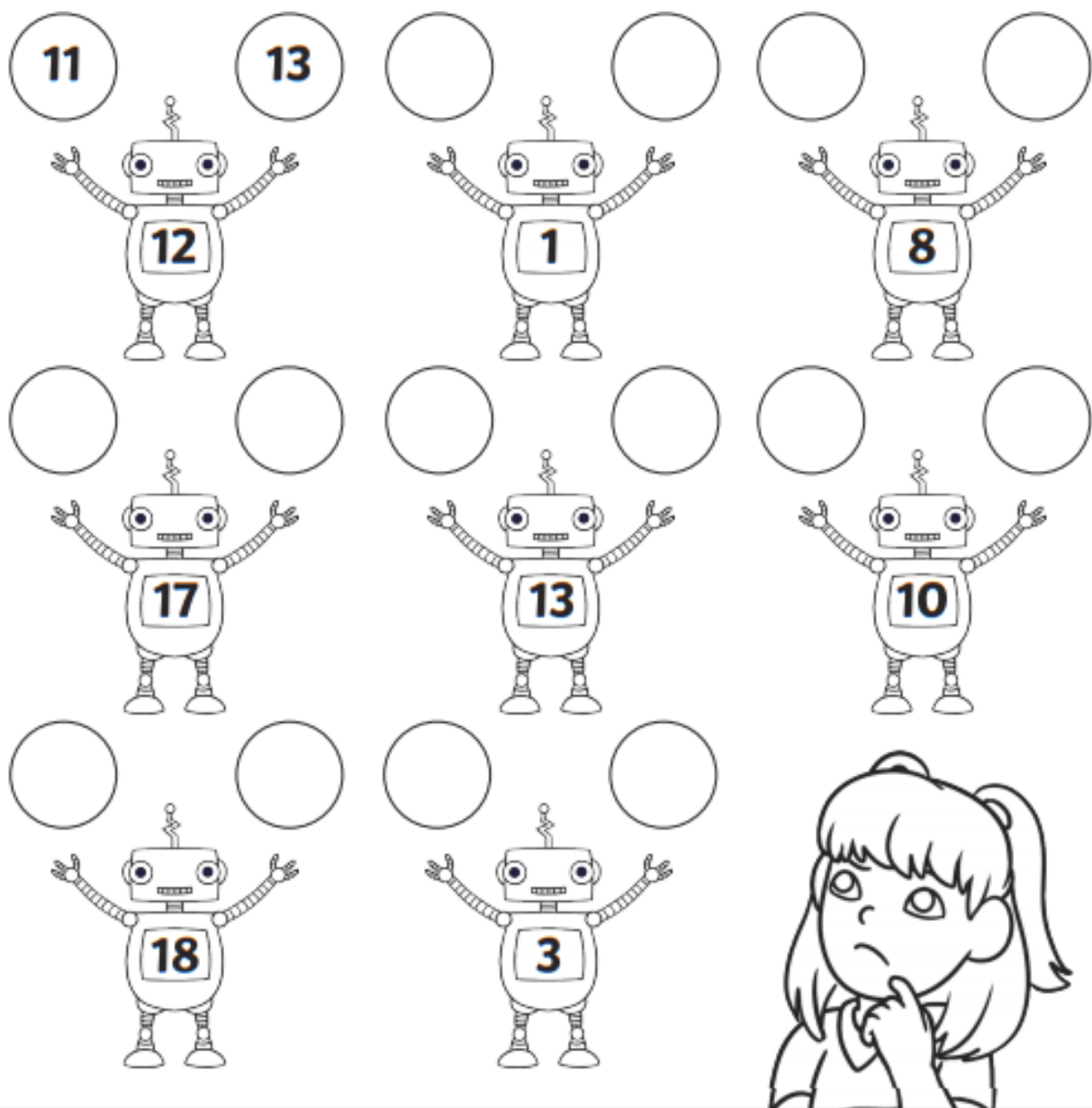# Before and After - Numbers to 20

Can you fill in the missing numbers?

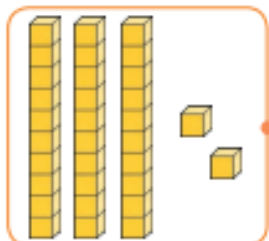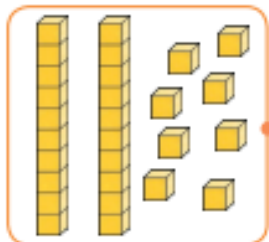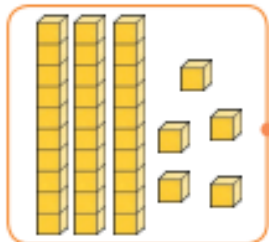20 ☆ 18 ☆ 16 15 ☆ ☆ 12 11

10 ☆ 8 7 ☆ ☆ 4 3 ☆ 1

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

11   13   ○   ○   ○   ○

12   **1**   **8**

○ ○   ○ ○   ○ ○

17   **13**   **10**

○ ○   ○ ○

18   **3**

Number Representations to 40 Match Up

Draw a line to match the boats to the correct number representation.

35

32

33

23

28
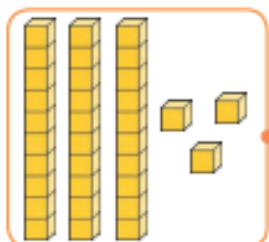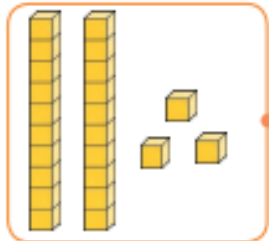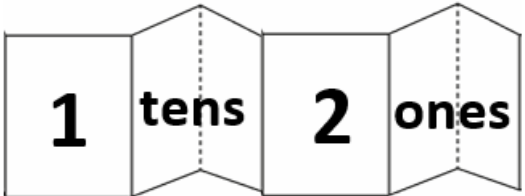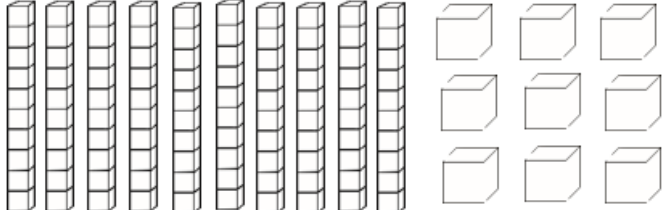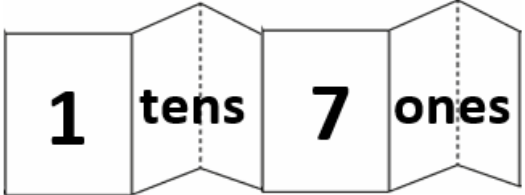
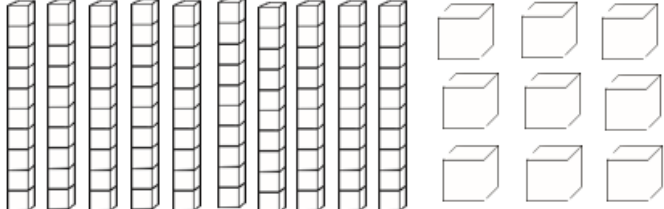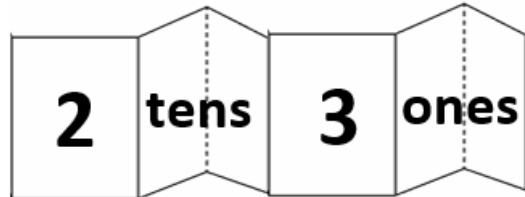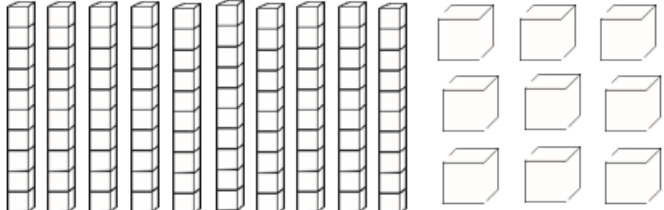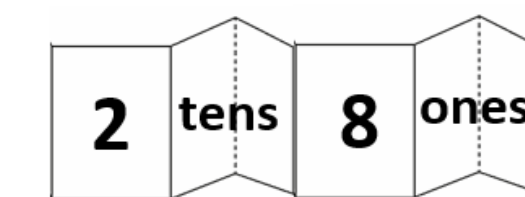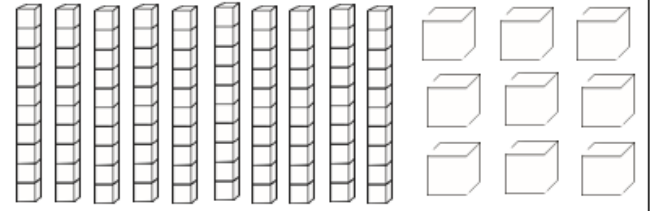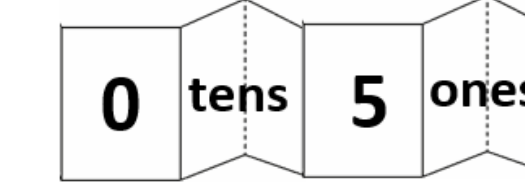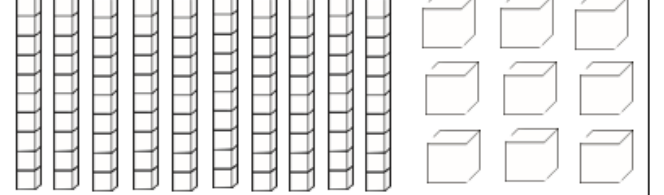Put the numbers in order from smallest to greatest on the blank ships.

Base Ten Blocks and Number Expanders
Match the Number on The Expander
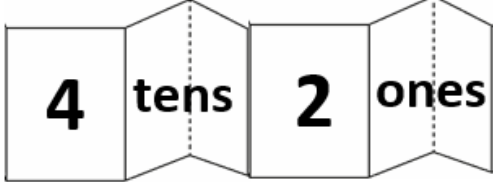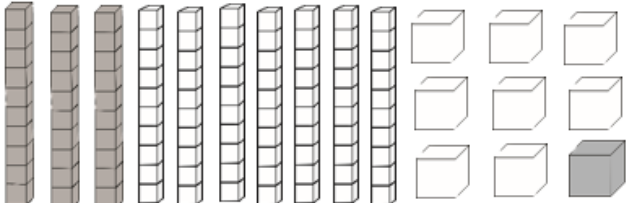
Colour the blocks to match the number on the expander.

1 tens **2** ones	
1 tens **7** ones	
2 tens **3** ones	
2 tens **8** ones	
0 tens **5** ones	

Challenge
Colour more blocks to match the number on the expander.

4 tens **2** ones

Tuesday

Missing Numbers 1-30
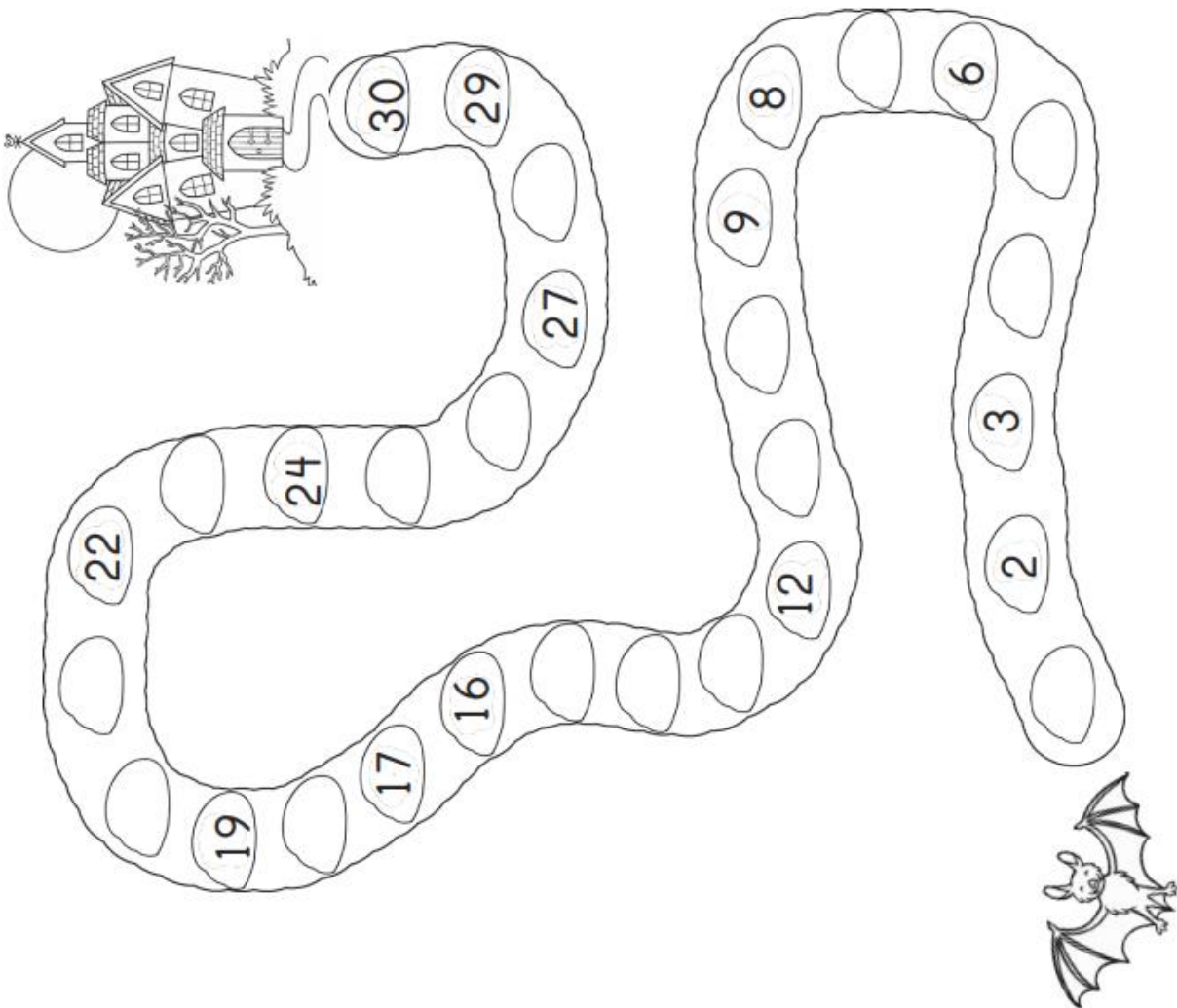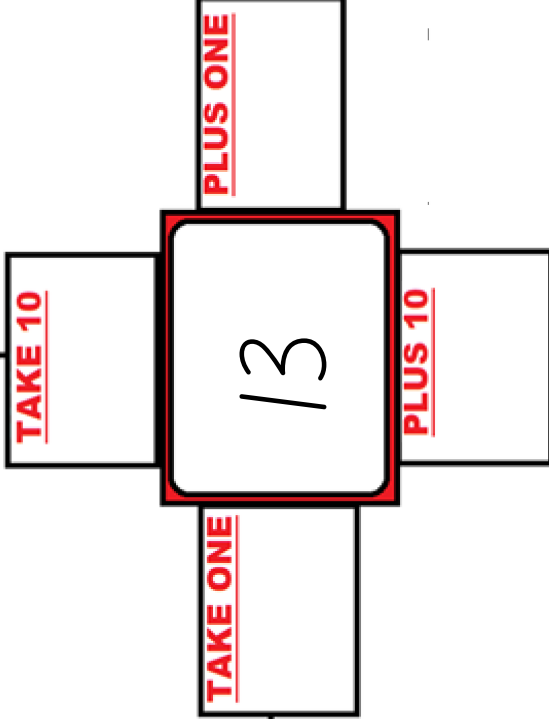
30 29 27 24 22 19 17 16 12 8 9 6 3 2

Code

How did you get there - Number Sentence

Written as Words

Write the next 5 numbers.

PLUS ONE

TAKE 10

13

TAKE ONE

PLUS 10

World Oceans Day Missing Numbers

Write each missing number on the sea creatures.

21 ○ 23 24 25 ○ 27 28 29 ○

15 16 17 ○ 19 ○ ○ 22 23 24

33 34 35 ○ 37 38 39 ○ 41 ○

41 ○ ○ 44 ○ ○ 47 ○ ○ 50
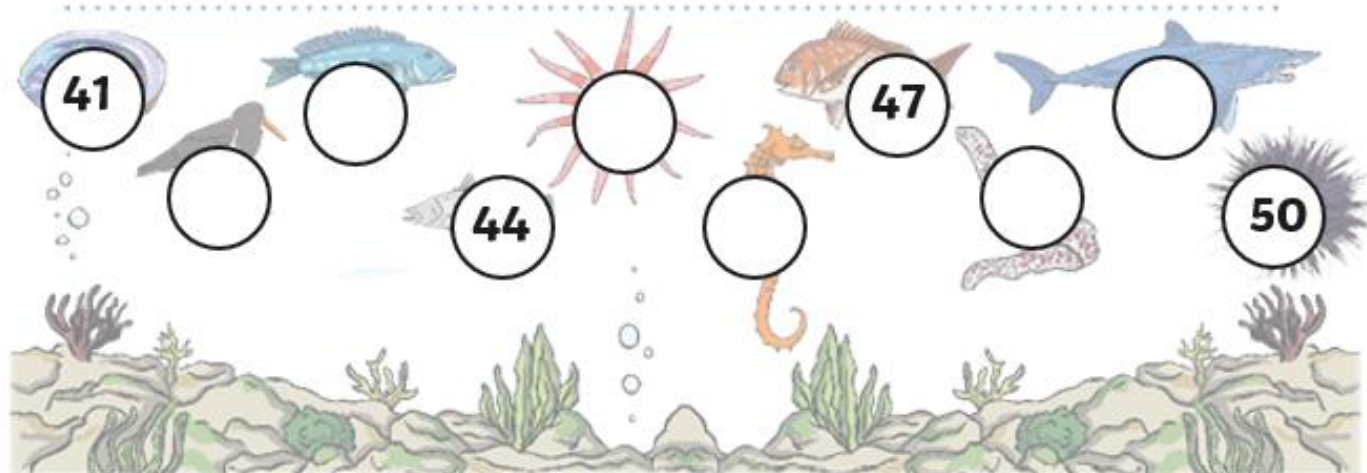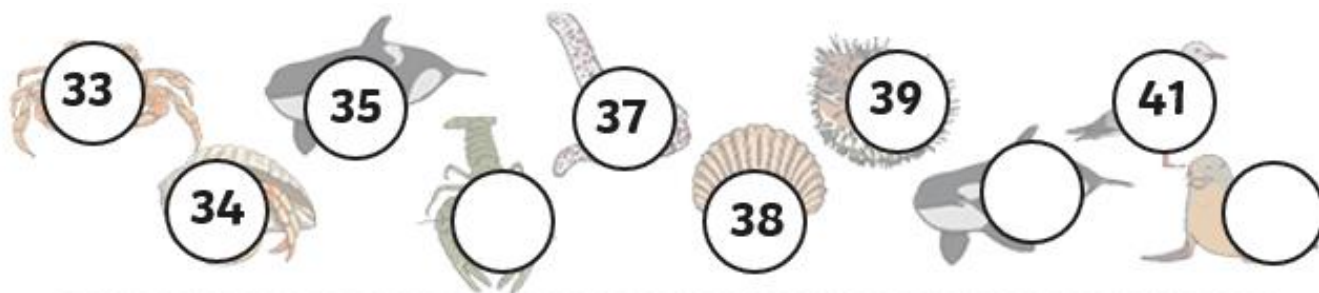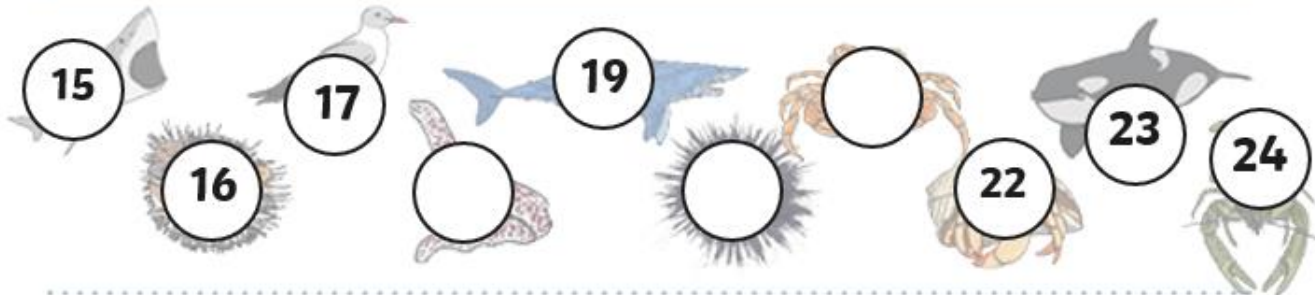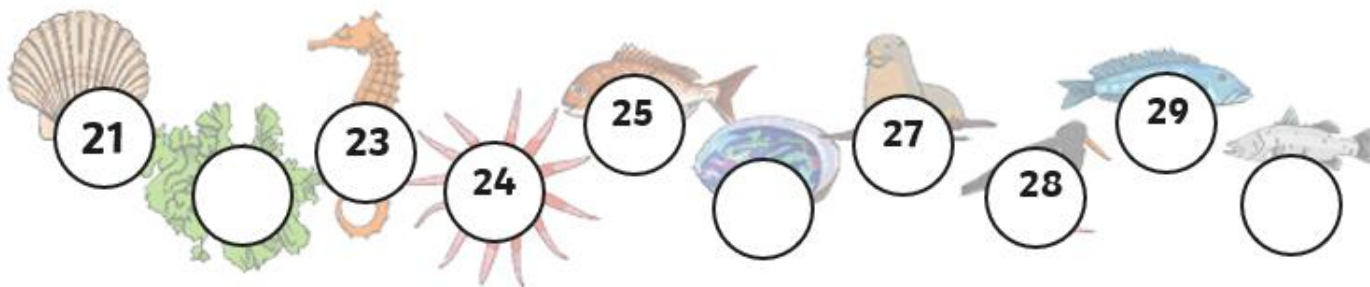
Physical Challenge: Hot Potato. Use your open hands to hit a pair of rolled up socks into the air. Each time you hit the socks you get a point. How many points did you score before dropping the socks? _____

Bush Magic

Using 10 as a reference. Count on from 10 to find the total.

$10 + $ $ = \bigcirc$

$10 + $ $ = \bigcirc$

$10 + $ $ = \bigcirc$

$10 + $ $ = \bigcirc$

$10 + $ $ = \bigcirc$

$10 + $ $ = \bigcirc$

$10 + $ $ = \bigcirc$

$10 + $ $ = \bigcirc$

$10 + $ $ = \bigcirc$

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

Ten Frame Subtraction Worksheet
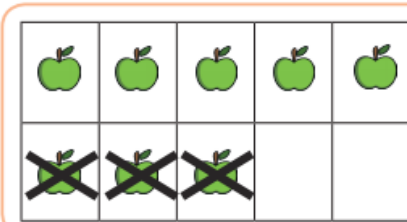
8 apples in total, 3 have been crossed out, how many left? Show your answer in the box.

8 - 3 =

Read the number sentence and cross out the correct number to work out your answer.

15 - 3 =

7 - 5 =
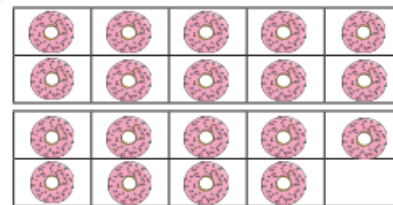
19 - 9 =
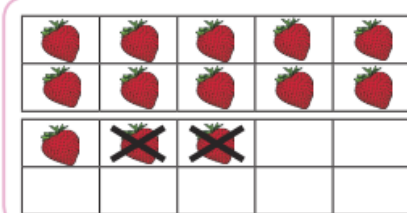
13 strawberries in total, 2 have been crossed out, how many left? Show your answer in the box.

13 - 2 =
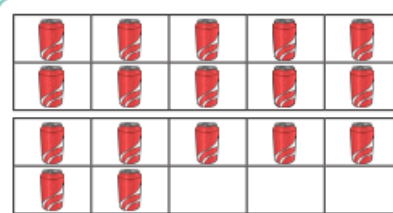
17 - 8 =

Ten Frame Subtraction Worksheet
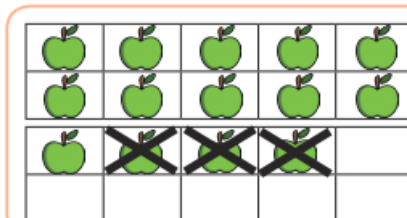
14 apples and 3 have been crossed out, how many left? Write your answer in the box.

14 - 3 =
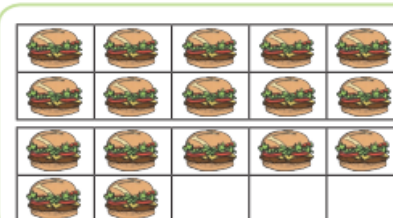
Read the number sentence and cross out the correct number to work out your answer.

17 - 12 =

16 - 7 =
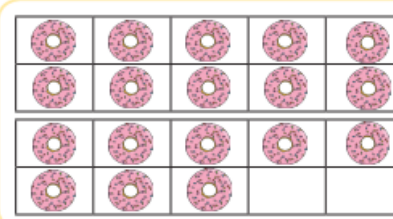
Read the number sentence and cross out the correct number to work out your answer.

18 - 10 =
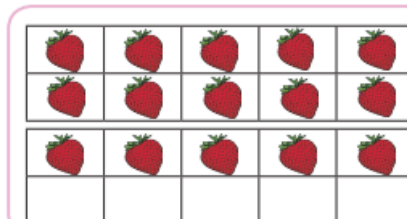
Read the number sentence and cross out the correct number to work out your answer.

15 - 8 =
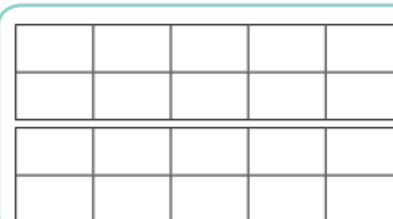
Can you write your own question? Choose a food or shape to colour on the ten frame, cross some out and write your number sentence to show your answer.

_ + _ = _

Wednesday

Snakes and Ladders

FINISH 20	19	18	17	16
11	12	13	14	15
10	9	8	7	6
1 **START**	2	3	4	5
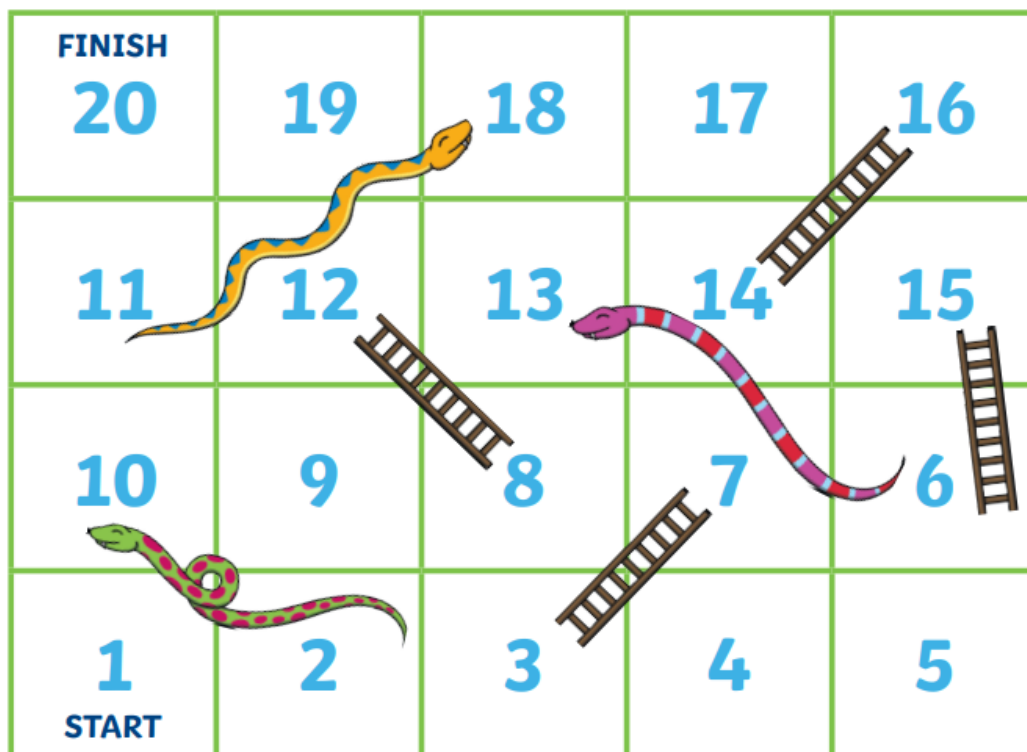
Play a game of Snakes and Ladders. Roll the dice and count along the numbers. If you land on the bottom of a ladder climb up. If you land on the head of a snake slide down to its tail. First to 20 wins.

Code

How did you get there - Number Sentence

Written as Words

Write the next 5 numbers.

27
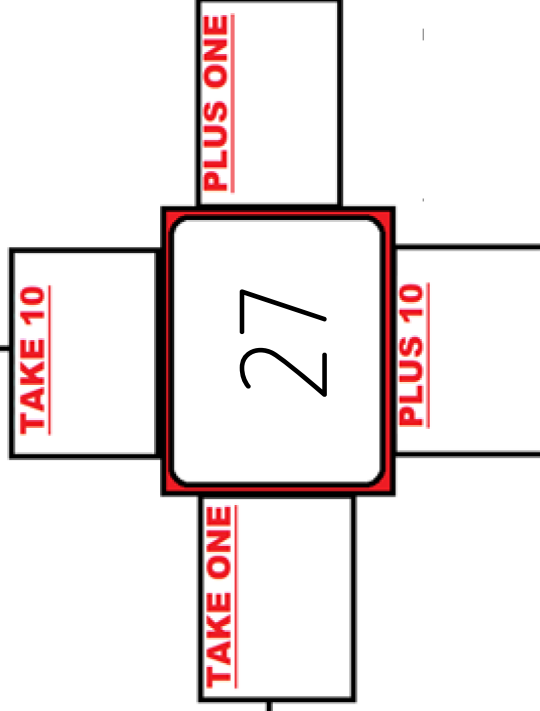
- PLUS ONE
- TAKE 10
- TAKE ONE
- PLUS 10

| 8 | 9 | | 11 | |

| 10 | | 12 | | 14 |

| 32 | 33 | | 35 | |

| 29 | | | 32 | |

| 44 | | 46 | | 48 |

| 15 | 16 | | | 19 |

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 _____.

Making Groups of Two

Show groups of 2 until you match the amount shown in the box.

12	18
8	14
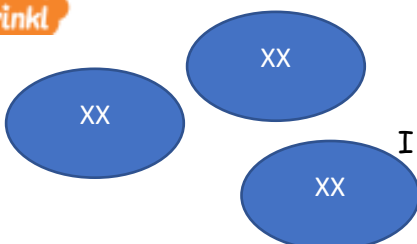
I have made 3 groups. There are 2 in each group. I have 6Xs.

Making Groups of Two

Amy is putting things in bags for the bake sale. She puts two things in each bag. How many bags will she need?

Example:

Answer = 1

Answer = _____ bags

Answer = _____ bags

Answer = _____ bags

Draw the bags to show 2 things in each bag. This will help you work out how many bags were needed.

Thursday

Activity on next page.

Play another game of Snakes and Ladders. This time first to 64 wins.

Snakes and Ladders

How did you get there - Number Sentence

Written as Words

TAKE 10

PLUS ONE

33

TAKE ONE

PLUS 10

Write the next 5 numbers.

Addition, using 20 as a reference.

I can add 'Ones' to find the total that is less than 30. WILF- count on from 20 to find the total.

20 + = ◯

20 + = ◯

20 + = ◯

20 + = ◯

20 + = ◯

20 + = ◯

20 + = ◯

20 + = ◯

20 + = ◯

Draw a line to match the 3D object to its everyday object.
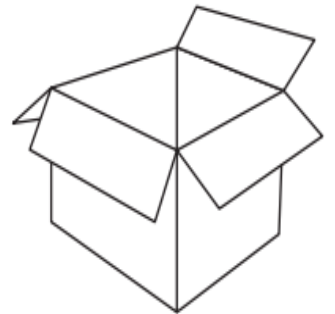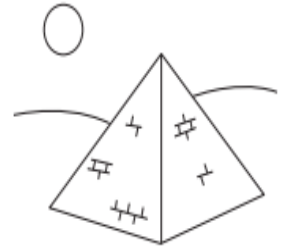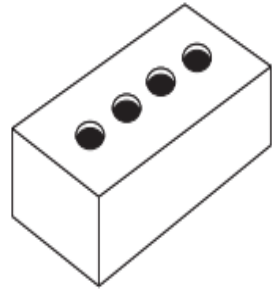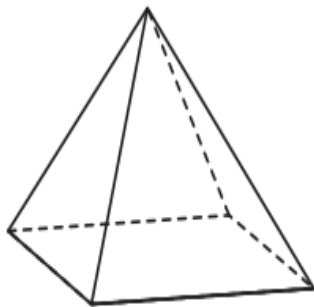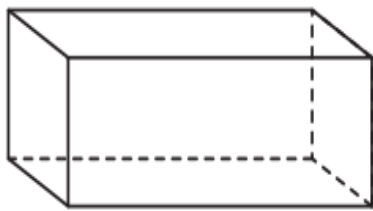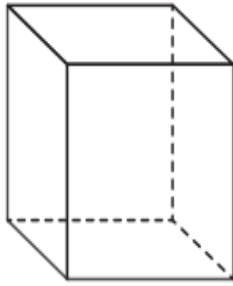
Topic: Sorting 3D Shapes

A) Click all the shapes with curved faces.
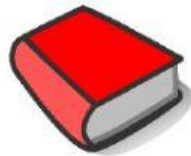
B) Click all the shapes with flat faces.
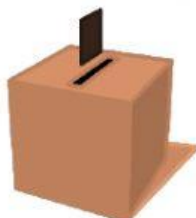
Friday

Your Choice.

Choose a game from the 'Something Extra' section at the end of thi book..
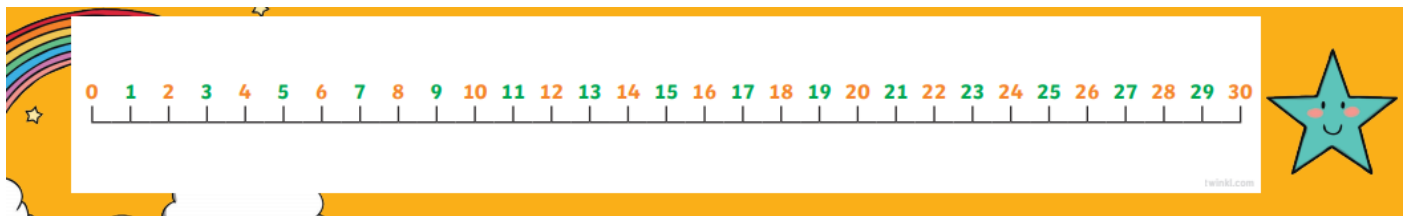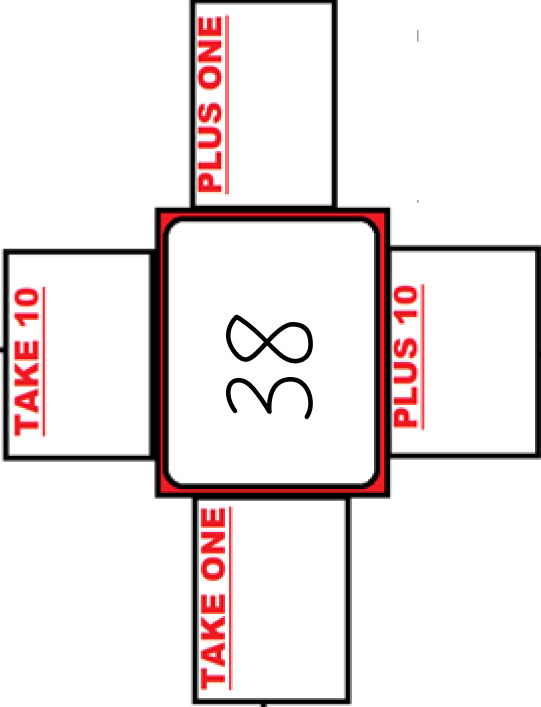
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

Code

How did you get there - Number Sentence

Written as Words

Write the next 5 numbers.

38

TAKE 10

PLUS ONE

TAKE ONE

PLUS 10

World Oceans Day Missing Numbers

Write each missing number on the sea creatures.

Row 1: ◯ | 2 | ◯ | ◯ | 5 | 6 | ◯ | 8 | ◯ | ◯

Row 2: ◯ | 12 | ◯ | 14 | 15 | ◯ | 17 | 18 | 19 | 20

Row 3: ◯ | 22 | ◯ | 23 | 25 | ◯ | ◯ | 28 | ◯ | ◯

Row 4: 31 | ◯ | 33 | ◯ | 35 | 36 | ◯ | 38 | ◯ | 40

Row 5: 41 | 42 | ◯ | ◯ | 45 | ◯ | 47 | ◯ | 49 | ◯
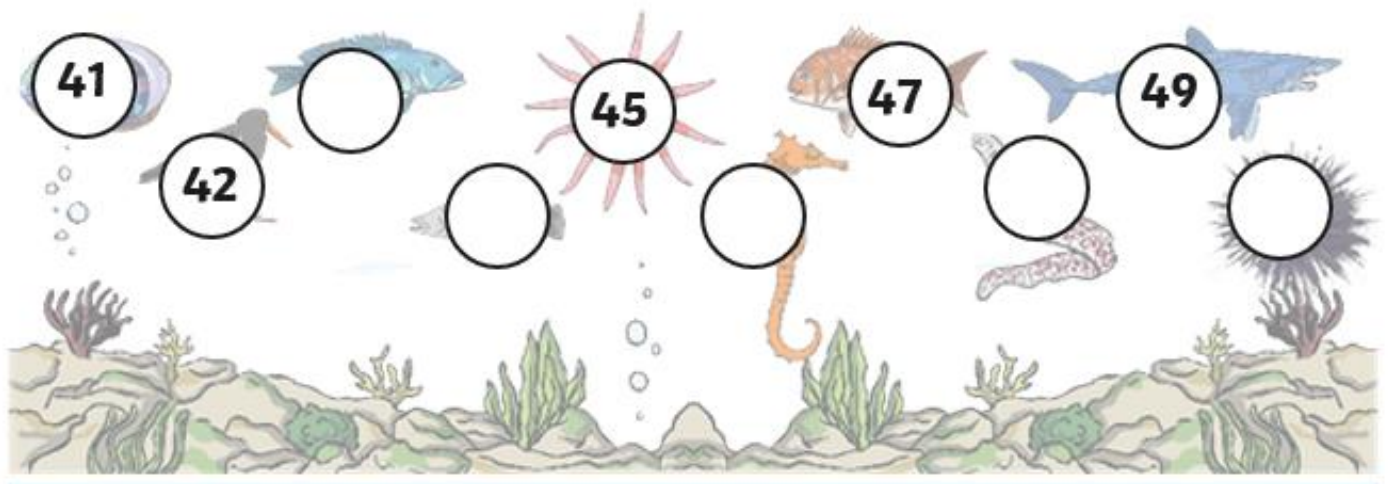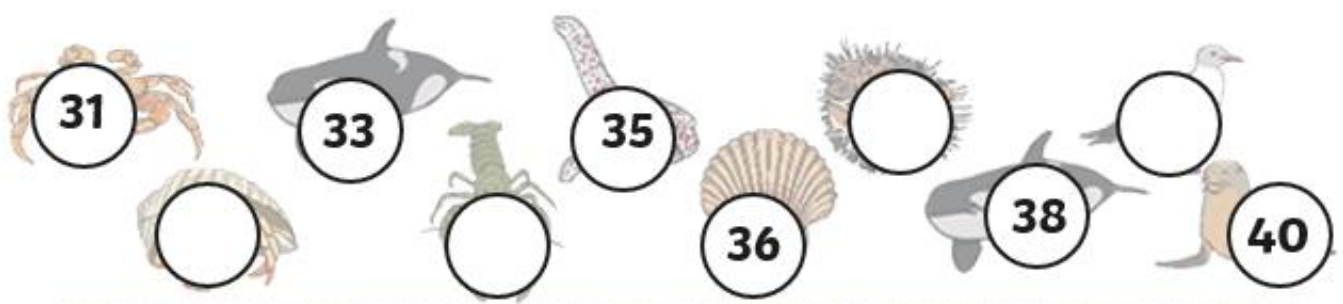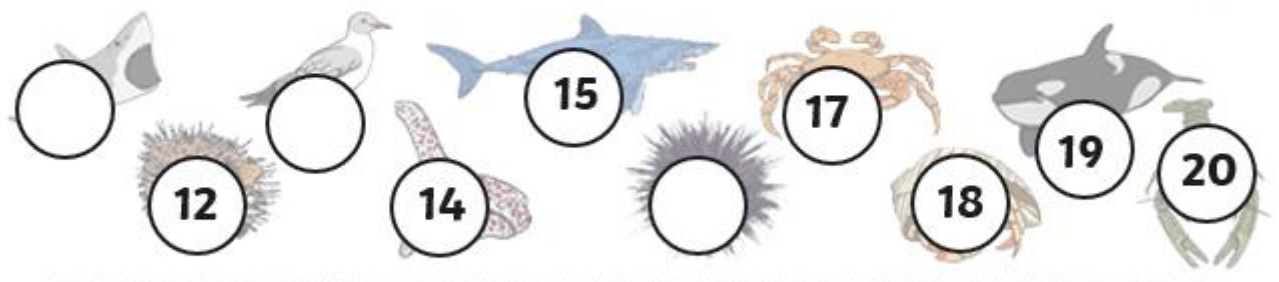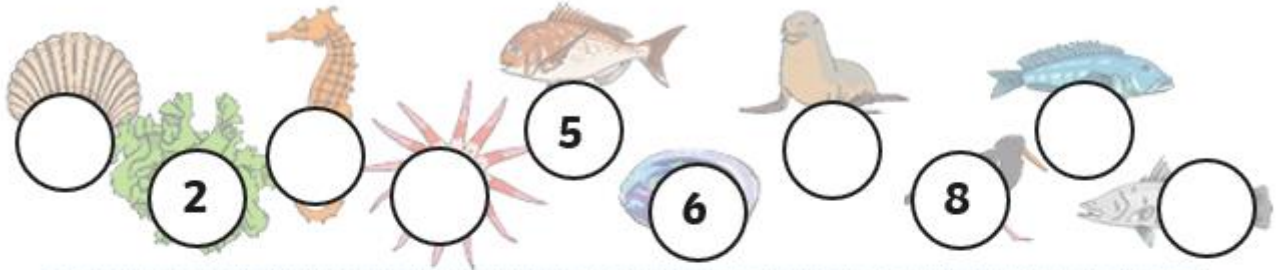
I can make the number you say.

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

Draw a line from each 3D Shape name to 1 or more real life objects

Pyramid   **Cube**   **Cone**   **Sphere**
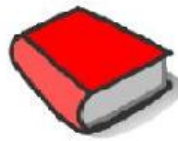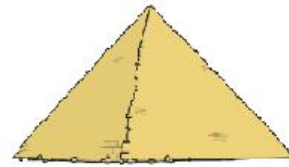
Rectangular Prism   **Cylinder**

) Draw a line to match the 3D object to its description.
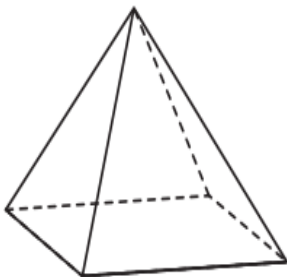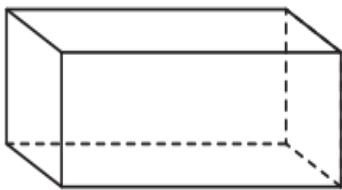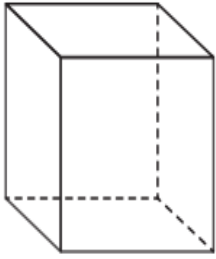
I have 1 curved surface.

I have 1 flat surface.

I have 6 faces and they are all the same.

I can roll.

I have 2 flat surfaces that are circles.

I have 5 faces.

Four of my faces are triangles.

I have 6 faces. Four are the same shape and 2 are the same shape.

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. $5 + 8 =$ _____

2. $1 + 4 =$ _____

3. $7 - 3 =$ _____

4. What is the value of the number in the tens place in 90? _____

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

6. Add 3 and 5 together: _____

7. In a group of 11 students, 3 would like to play netball and the rest want to play tennis. How many want to play tennis? _____

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

9. What digital time does the clock show? _____

10. How many corners does this shape have?

Tuesday

1. $2 - 2 =$ _____

2. $7 + 0 =$ _____

3. $7 + 1 =$ _____

4. Write the numeral for thirty: _____

5. Complete this counting pattern:
8, 18, 28, 38, _____, _____, _____

6. I bought 1 marble and was given 9 more marbles. How many marbles do I now have? _____

7. In a group of 12 students, 6 would like to play softball and the rest want to play volleyball. How many want to play volleyball? _____

8. Draw a line to split this shape in half.
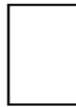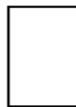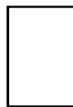
9. What digital time does the clock show? _____

10. How many sides does a rectangle have?

Wednesday

1. $2 - 1 =$ _____

2. $6 + 9 =$ _____

3. $7 + 1 =$ _____

4. What number is made up of 8 tens and 1 ones? _____
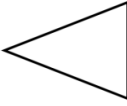
5. Complete this counting pattern:
6, 8, 10, 12, _____, _____, _____

6. In a group of 13 students, 5 would like to play AFL and the rest want to play netball. How many want to play netball? _____

7. Subtract 6 from 9: _____

8. Colour in half of this shape:

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

10. How many sides does a triangle have?

Thursday

1. $7 + 0 =$ _____

2. $7 + 9 =$ _____

3. $9 - 8 =$ _____

4. Write these numbers in order from smallest to largest: 80, 59, 57, 85. _____

5. Complete this counting pattern:
3, 8, 13, 18, _____, _____, _____

6. If 13 trucks are parked, 8 are orange and the rest are purple, how many are purple? _____

7. London has 1 avocado. If London buys 2 more avocados, how many avocados does she have altogether? _____

8. 5 cents + $2.00 = _____

9. What digital time does the clock show? _____

10. Circle the corners on this shape.

Something Extra!

Hands On or Game options

These are choice activities.
You do not need to do these.

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.

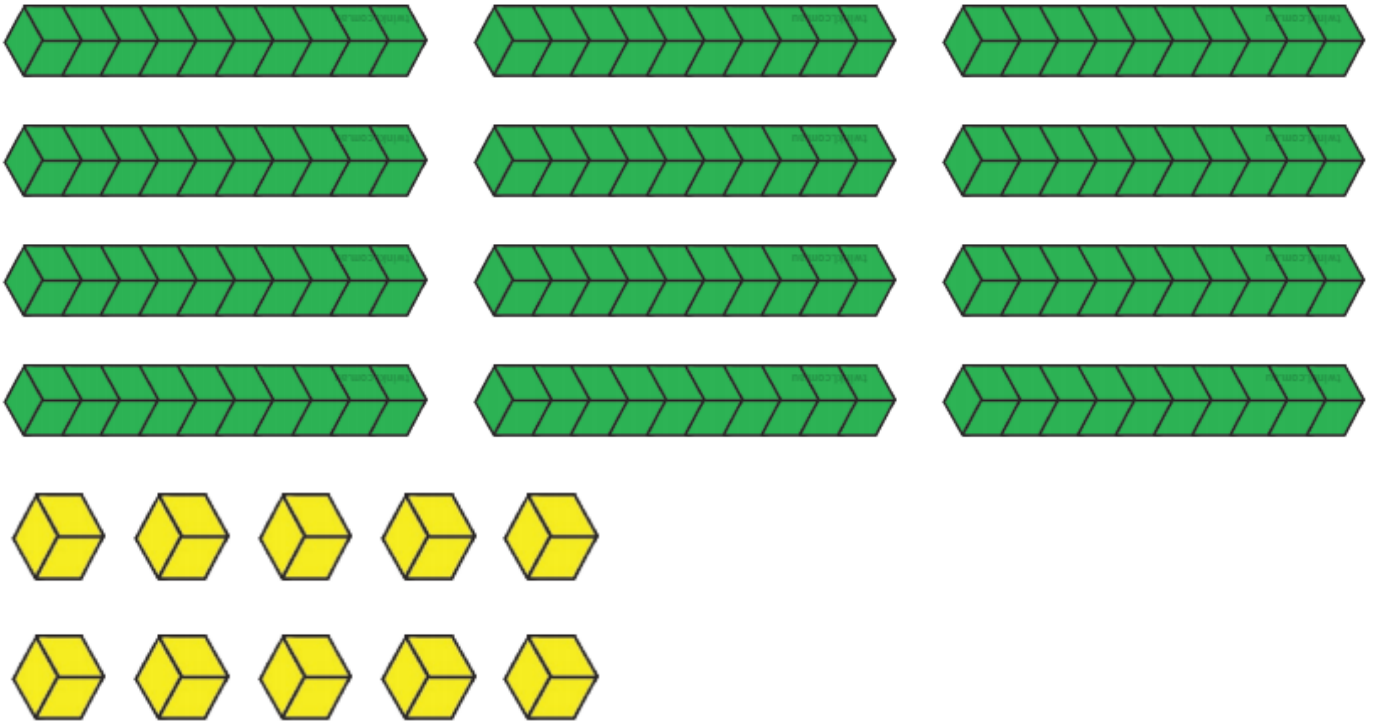The goal is to get your sock balls closest to the "Pallina".

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)

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