SHAWLANDS PRIMARY SCHOOL

BETTER TOGETHER

Family Maths Activities

Nursery

About this booklet:

You can make a huge difference to your children's maths learning! This booklet aims to promote enjoyment of maths through discussion and working together on everyday maths!

It contains short, fun, 'real-life' activities for families to do together.

They are aligned to the English National Curriculum.

The activities can be spread out across the year, as suggested on the following pages or at your own leisure.

You might want to take photos, draw pictures, write calculations or create diagrams - it's up to you!

Evidence shows that talking about everyday maths helps develop children's maths confidence. Here are some questions that you can ask each other when tackling the activities:

- What do we need to do?
- What information do we have? What do we need to find out?
- Would any equipment help?
- What do you notice when...?
- Shall we make a guess and see if it works?
- What could we do if we get stuck?
- What could we do differently next time?

You can adapt these activities to suit your family's interests and use whatever items you may have to hand, at home or out and about.

Nursery Long Term Plan – Curriculum Overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	Master the curriculum: Settling in baselines Colours Matching sorting	Master the curriculum: Number 1 Number 2 Subitising Pattern 1 Pattern 2 Number 3 subitising Number 3	Master the curriculum: Number 4 Number and composition Number 5	Master the curriculum: Number 6 Height and weight Mass Capacity	Master the curriculum: sequencing Positional language More than/ fewer 2d shape 3d shape Number composition	Master the curriculum: What comes after What comes before Numbers to 5

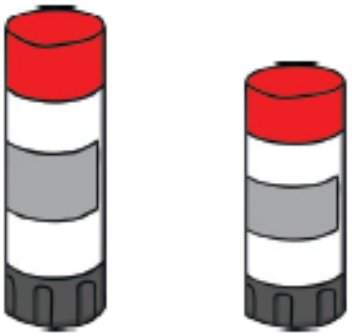
Suggested Delivery of Challenges

Challenge	Term	EYFS Framework Link
Shorter or Taller?	Autumn 1	Sorting
Caterpillar Measuring	Autumn 1	Colours / Sorting
Chicks	Autumn 1	Sorting
Animal Matching	Autumn 1	Matching
All About Number 1 Number Formation Activity	Autumn 2	Number
All About Number 2 Number Formation Activity	Autumn 2	Number
All About Number 3 Number formation Activity	Autumn 2	Number
Can You Continue The Pattern?	Autumn 2	Pattern
1,2 and 3 Maths Sorting Activity	Autumn 2	Subitising
All About Number 4 Number Formation Activity	Spring 1	Number
All About Number 5 Number Formation Activity	Spring 1	Number
4 and 5 Maths Sorting Activity	Spring 1	Number
I Spy Number 4	Spring 1	Number / Subitising
I Spy Number 5	Spring 1	Number / Subitising
All About Number 6 Number Formation Activity	Spring 2	Number
I Spy Number 6	Spring 2	Number / Subitising
Light or Heavy?	Spring 2	Weight / Mass
Teddy's Towers Height Ordering	Spring 2	Height
Full and Empty Sorting Activity	Spring 2	Capacity
Making a Jam Sandwich	Summer 1	Sequencing
Positional Language	Summer 1	Positional Language
More or Fewer	Summer 1	More Than / Fewer Than
Pizza Shape Colouring	Summer 1	2-D Shapes
3D Shape Hunt	Summer 1	3D Shapes
Number Formation and Representation 1 to 5 Activity	Summer 1	Number Composition
What Comes Next?	Summer 2	Number
Number Sequencing Caterpillars	Summer 2	Number
Numbers 1 to 5 How Many? Activity	Summer 2	Numbers to 5
Subitising to 5	Summer 2	Numbers to 5

Shorter or Taller?

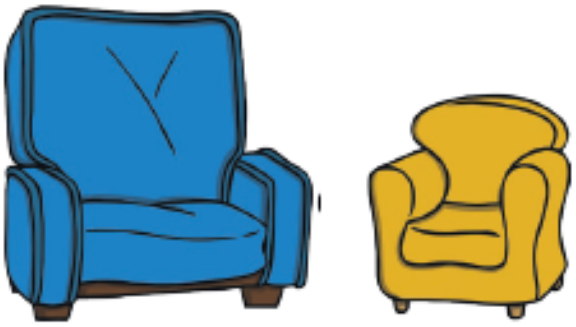
To compare the heights of objects.

Tick the shortest.



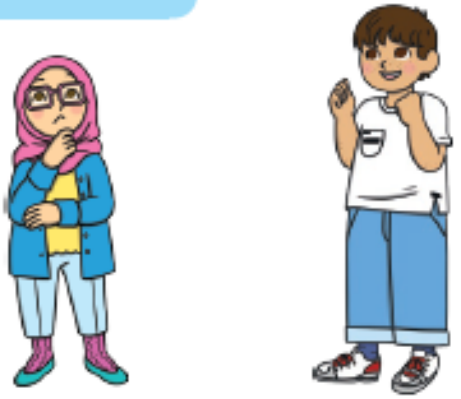
☐ ☐

Tick the tallest.



☐ ☐

Tick the tallest.



☐ ☐

Tick the shortest.



☐ ☐

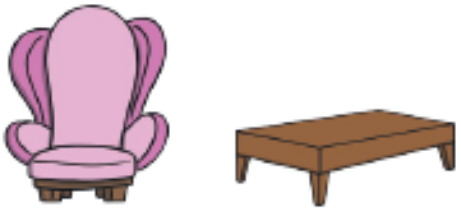
Complete the sentences using **taller** or **shorter**.



The glass is _____ than the jug.

The jug is _____ than the glass.

Complete the sentences using **taller** or **shorter**.



The chair is _____ than the table.

The table is _____ than the chair.

Caterpillar Measuring

Look carefully at the caterpillars and check which colour they need to be.

= longest caterpillar

= shortest caterpillar

= other caterpillars















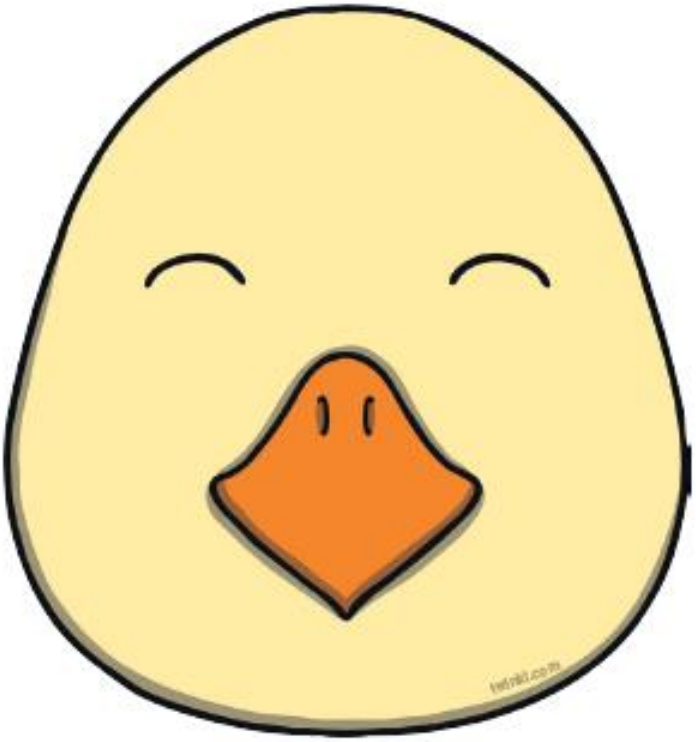
Chicks

Cut out each image and order them by size.





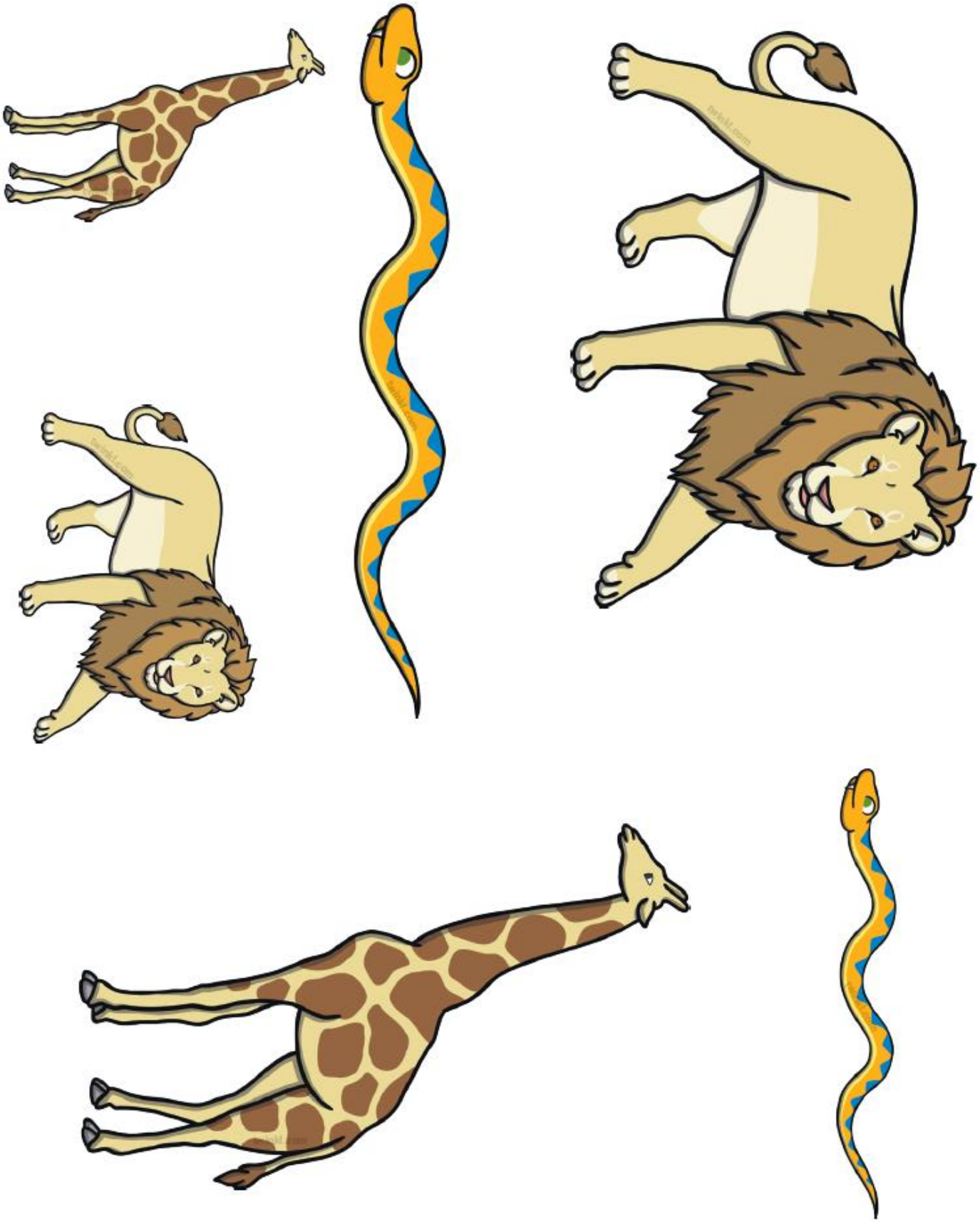


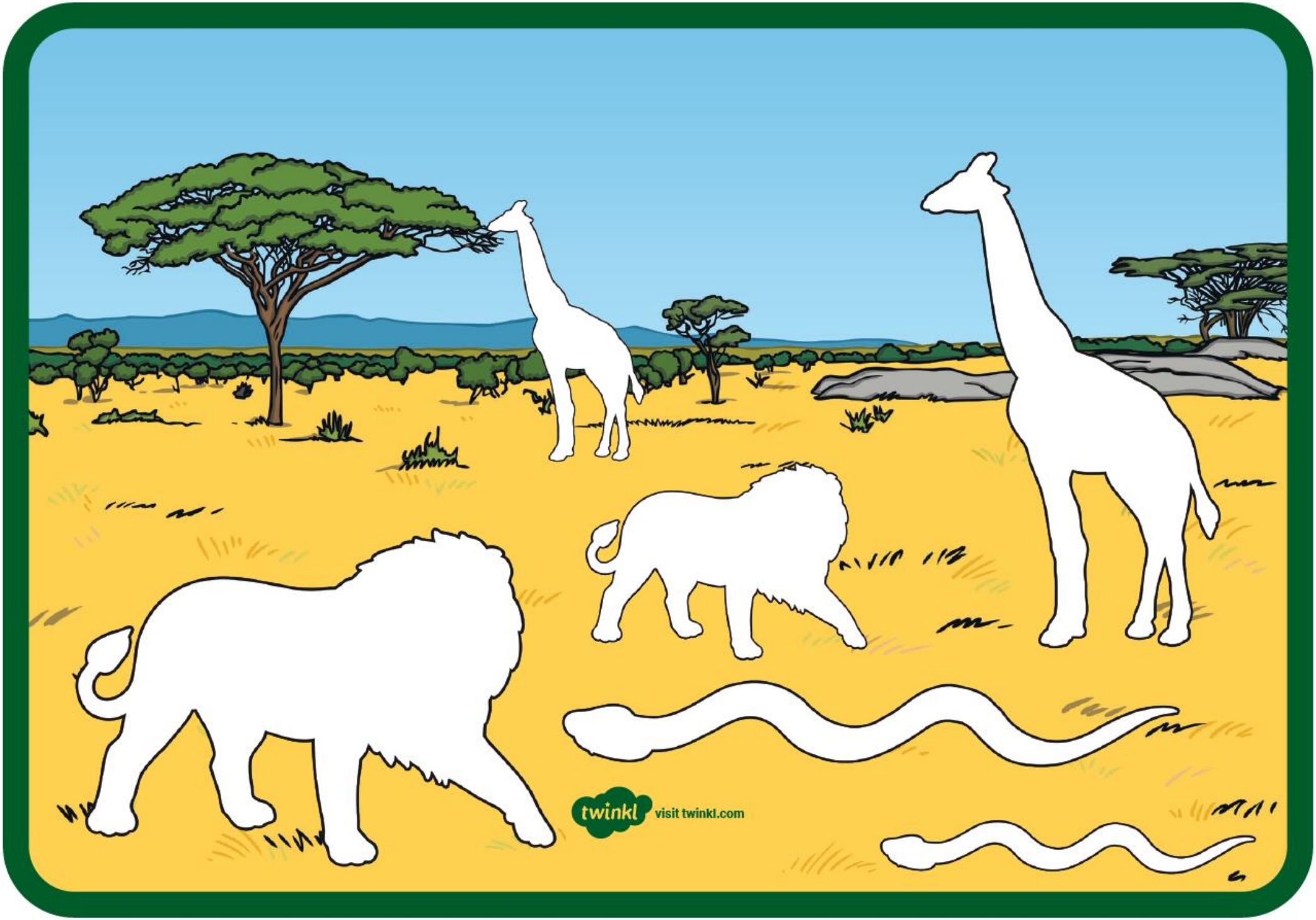






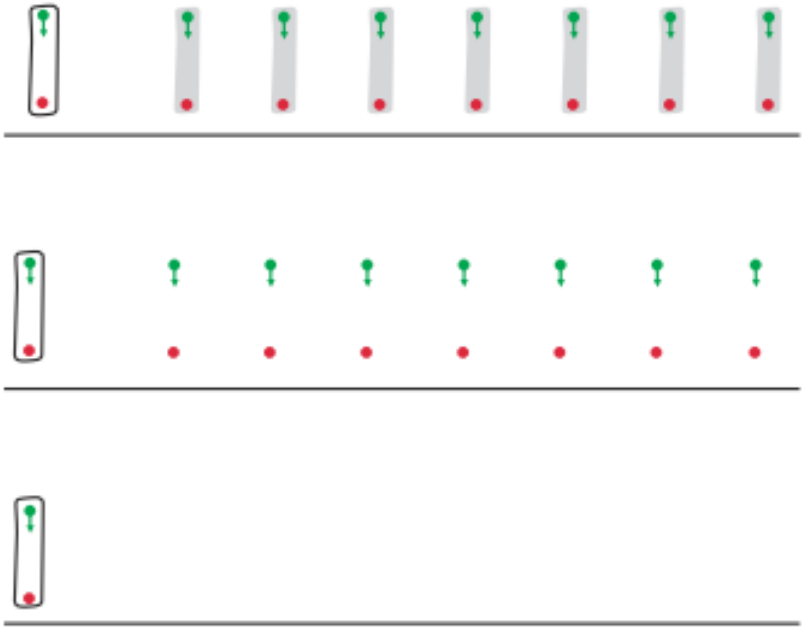
Animal Matching



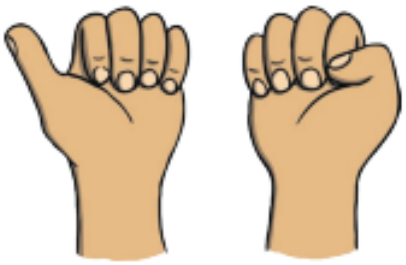

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All About Number 1
Number Formation Activity





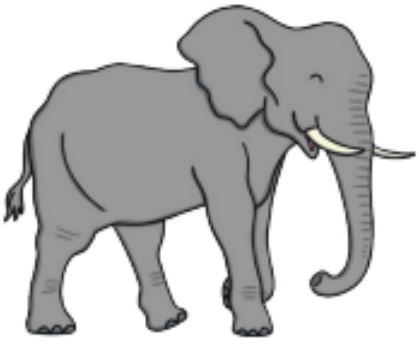
How many fingers are being shown?



How many counters are in the ten-frame?



How many elephants can you see?



How many cars can you see?



All About Number 2
Number Formation Activity

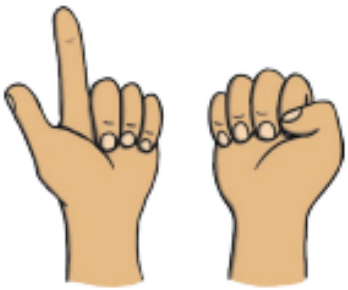


2 2 2 2 2 2

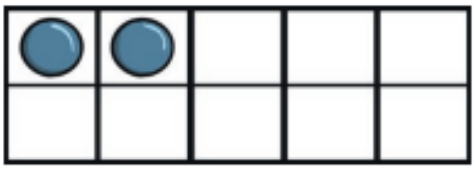
2

2

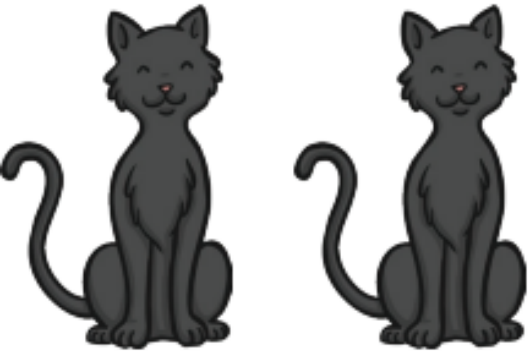
How many fingers are being shown?



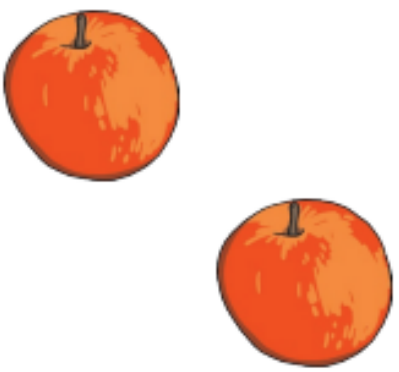
How many counters are in the ten-frame?



How many cats can you see?



How many apples can you see?



All About Number 3
Number Formation Activity

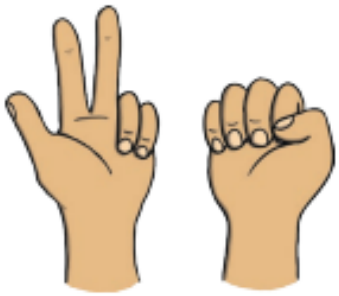


3 3 3 3 3 3

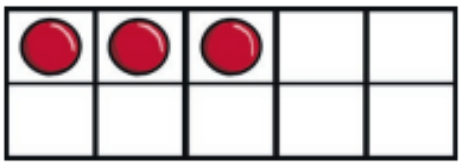
3

3

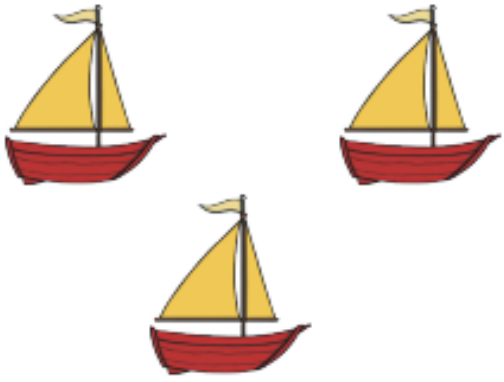
How many fingers are being shown?



How many counters are in the ten-frame?



How many boats can you see?



How many dogs are there?



Can you continue the pattern?







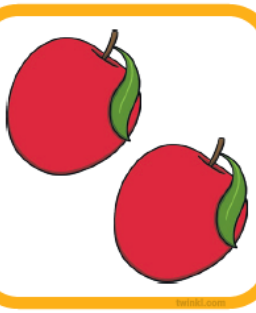
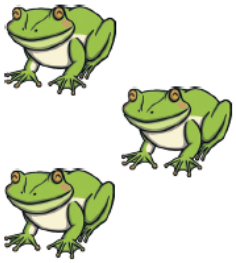
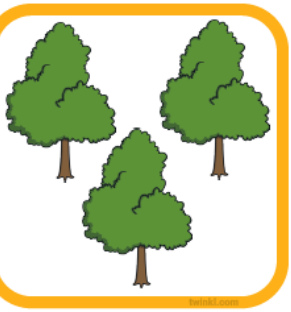




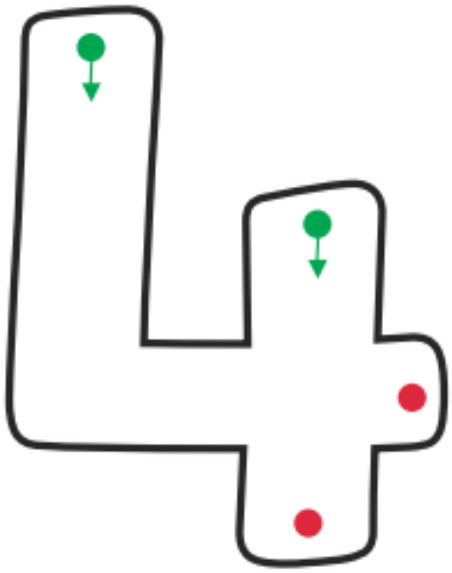
1, 2 and 3 Maths Sorting Activity

Can you sort 1, 2 and 3?

1 one 	2 two 	3 three 

1	one		
			
2	two		
			
3	three		
			

All About Number 4
Number Formation Activity

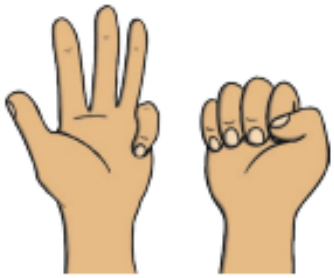


4 4 4 4 4 4

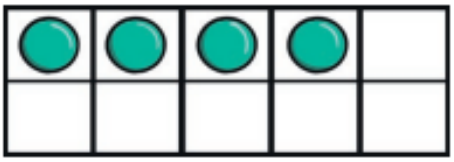
4

4

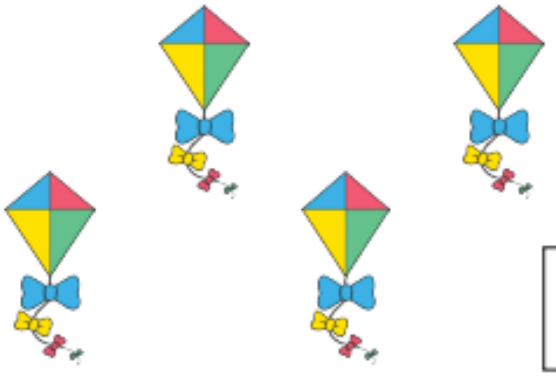
How many fingers are being shown?



How many counters are in the ten-frame?



How many kites are there?



How many mice can you see?



All About Number 5
Number Formation Activity



5 5 5 5 5 5

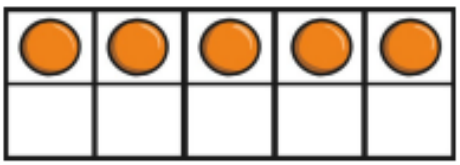
5

5

How many fingers are being shown?



How many counters are in the ten-frame?



How many teddy bears are there?



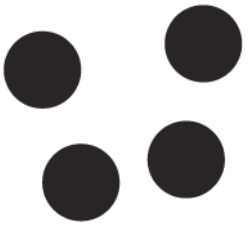
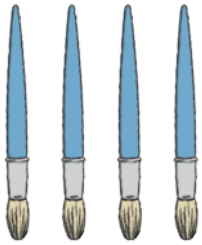
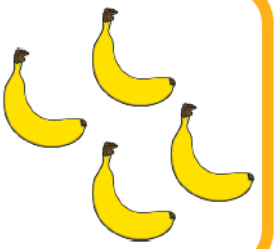
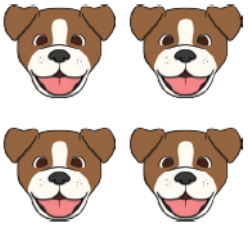
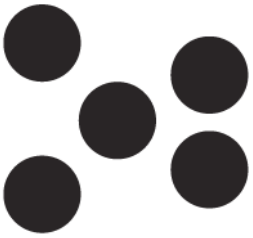
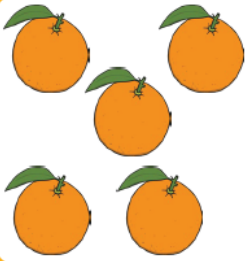
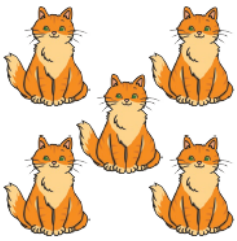
How many bees can you see?



4 and 5 Maths Sorting Activity

Can you sort 4 and 5?

4 four 	5 five 

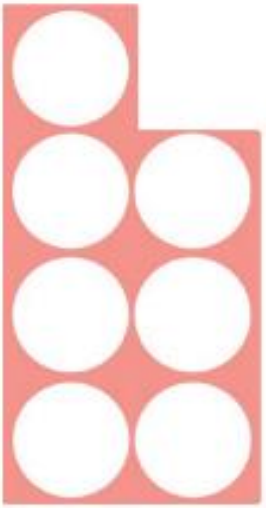
4	four		
			
5	five		
			

I Spy Number Four

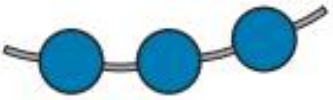
Find and circle all of the number fours.

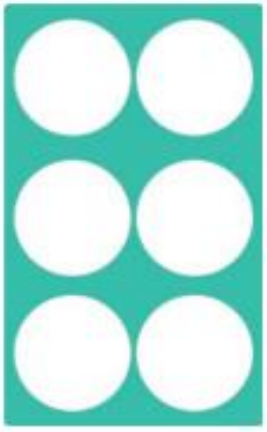
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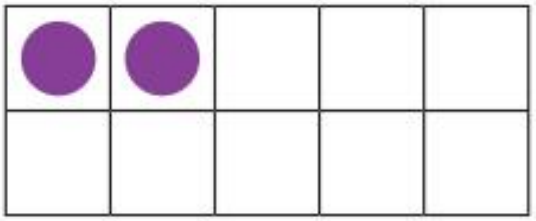




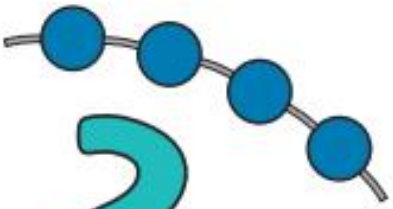


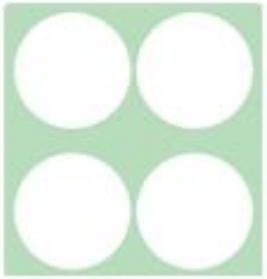




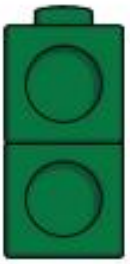


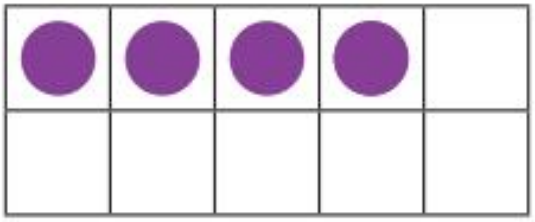




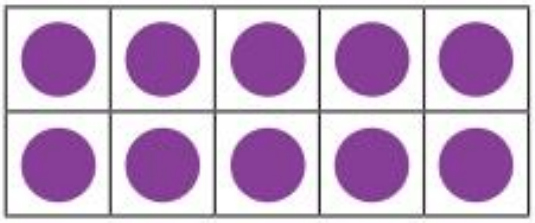






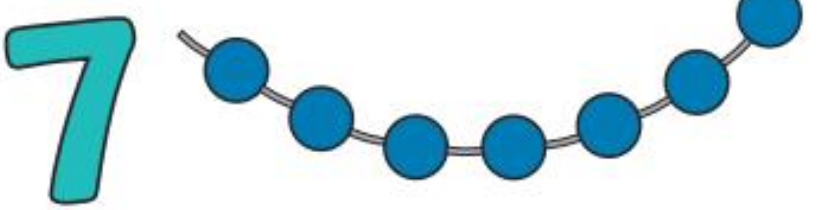








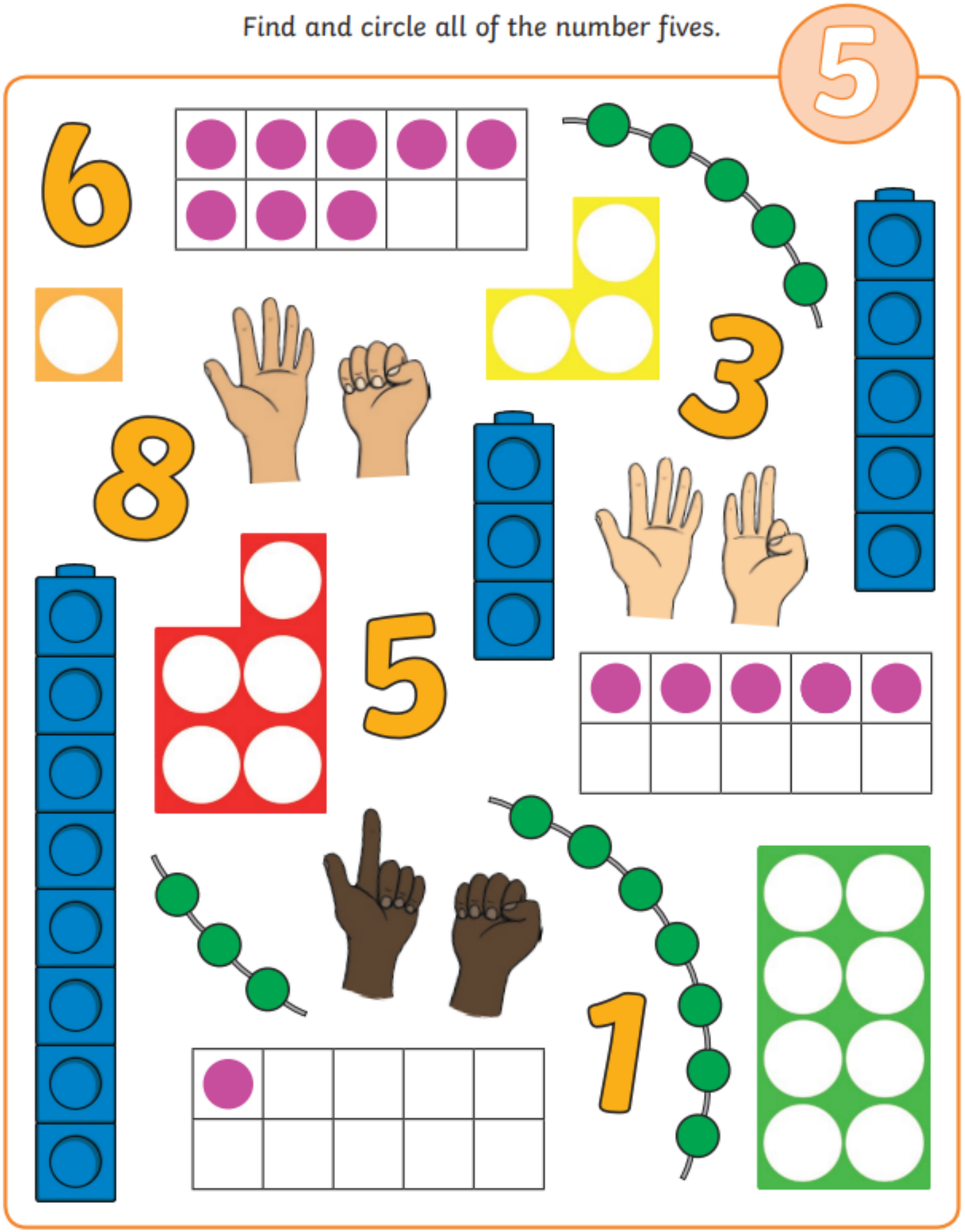






I Spy Number Five

Find and circle all of the number fives.



All About Number 6
Number Formation Activity



6 6 6 6 6 6

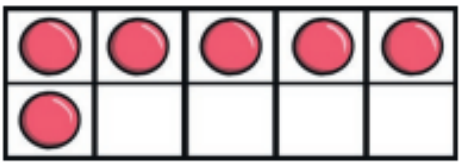
6

6

How many fingers are being shown?



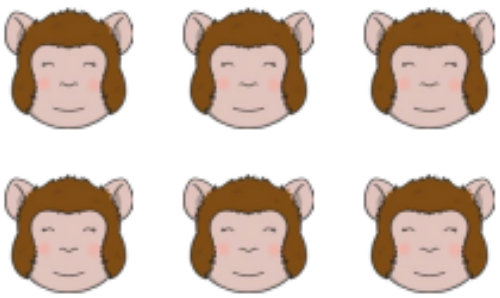
How many counters are in the ten-frame?



How many bananas are there?

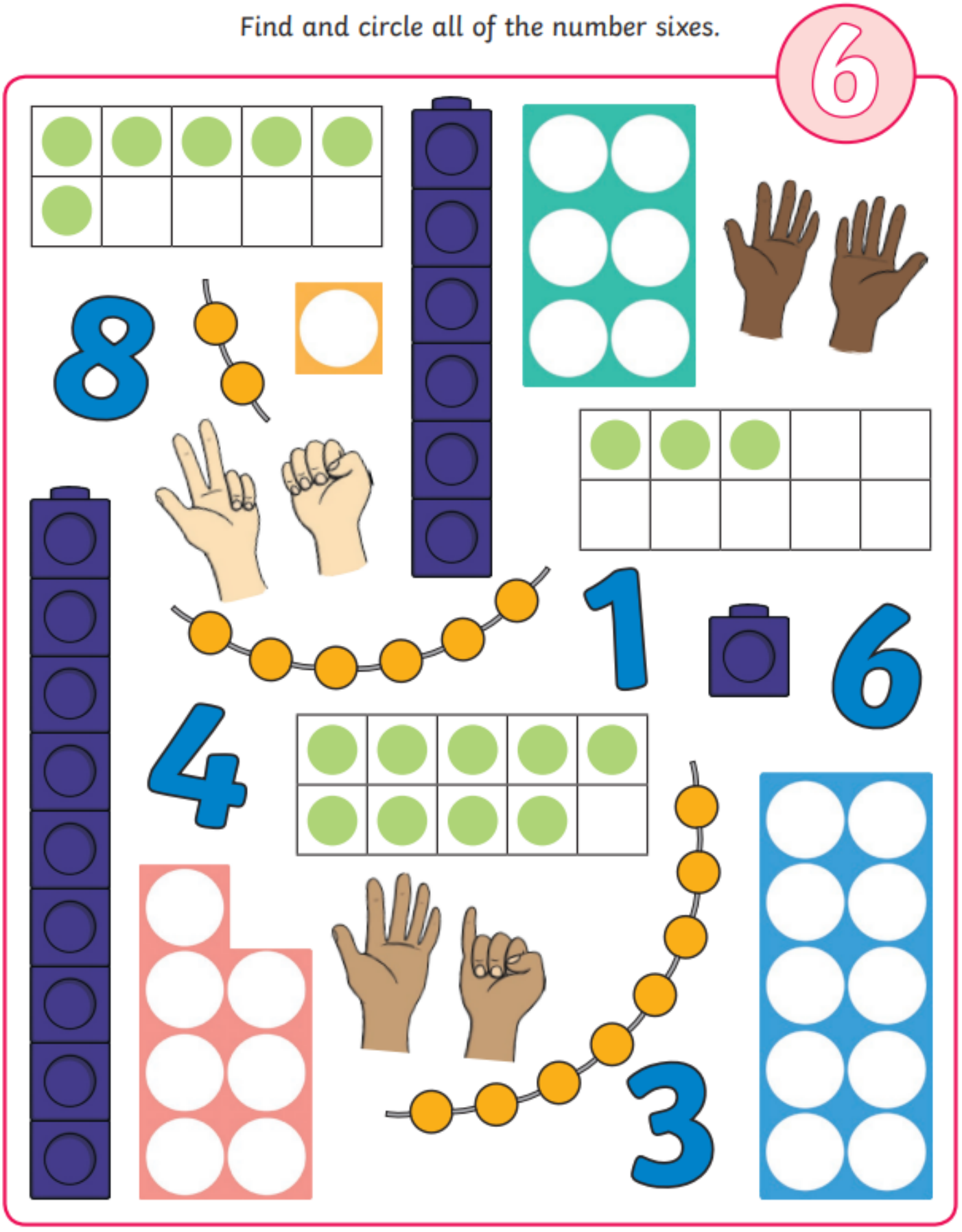


How many monkeys can you see?



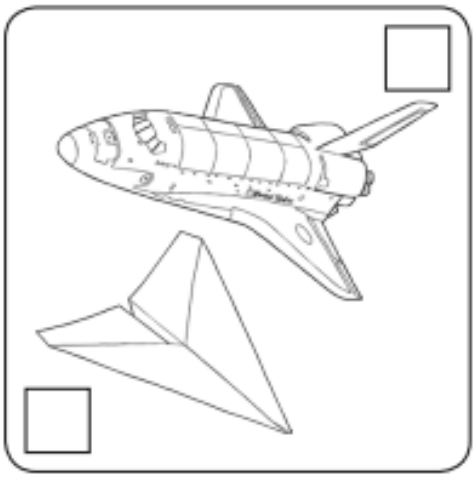
I Spy Number Six

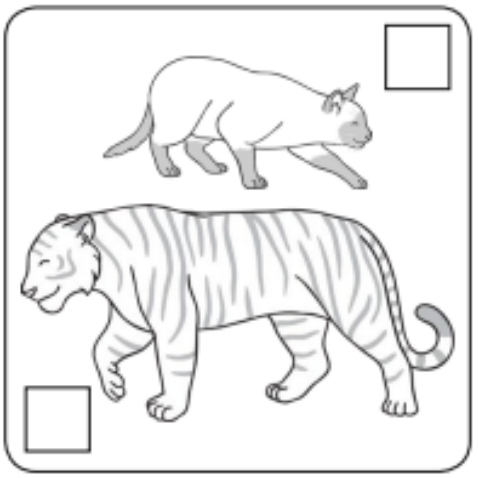
Find and circle all of the number sixes.

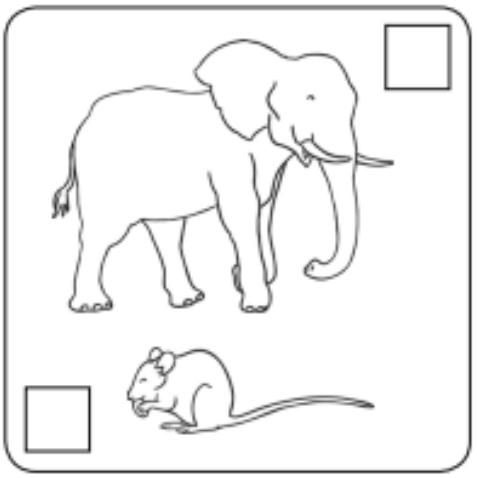


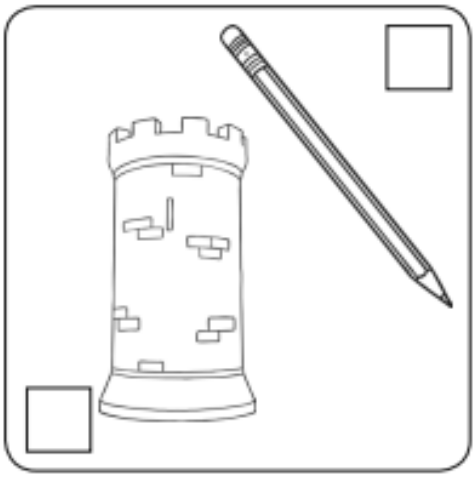
Light or Heavy?

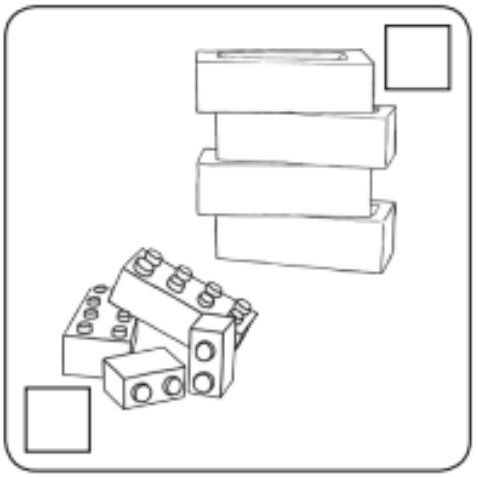
Tick the object that is heaviest.



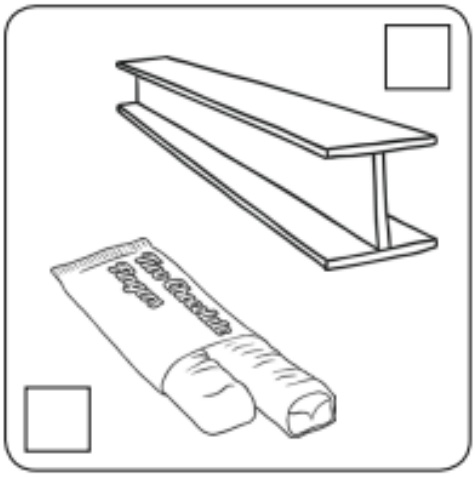


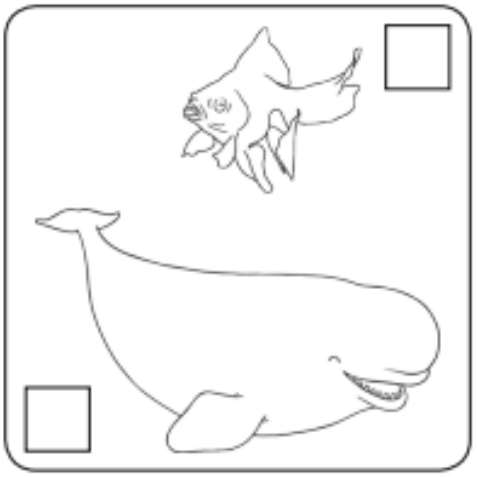


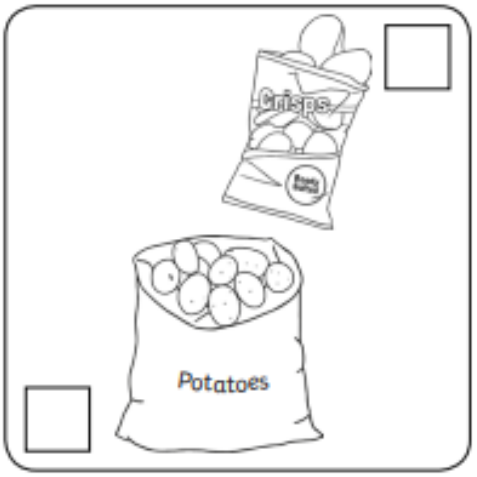






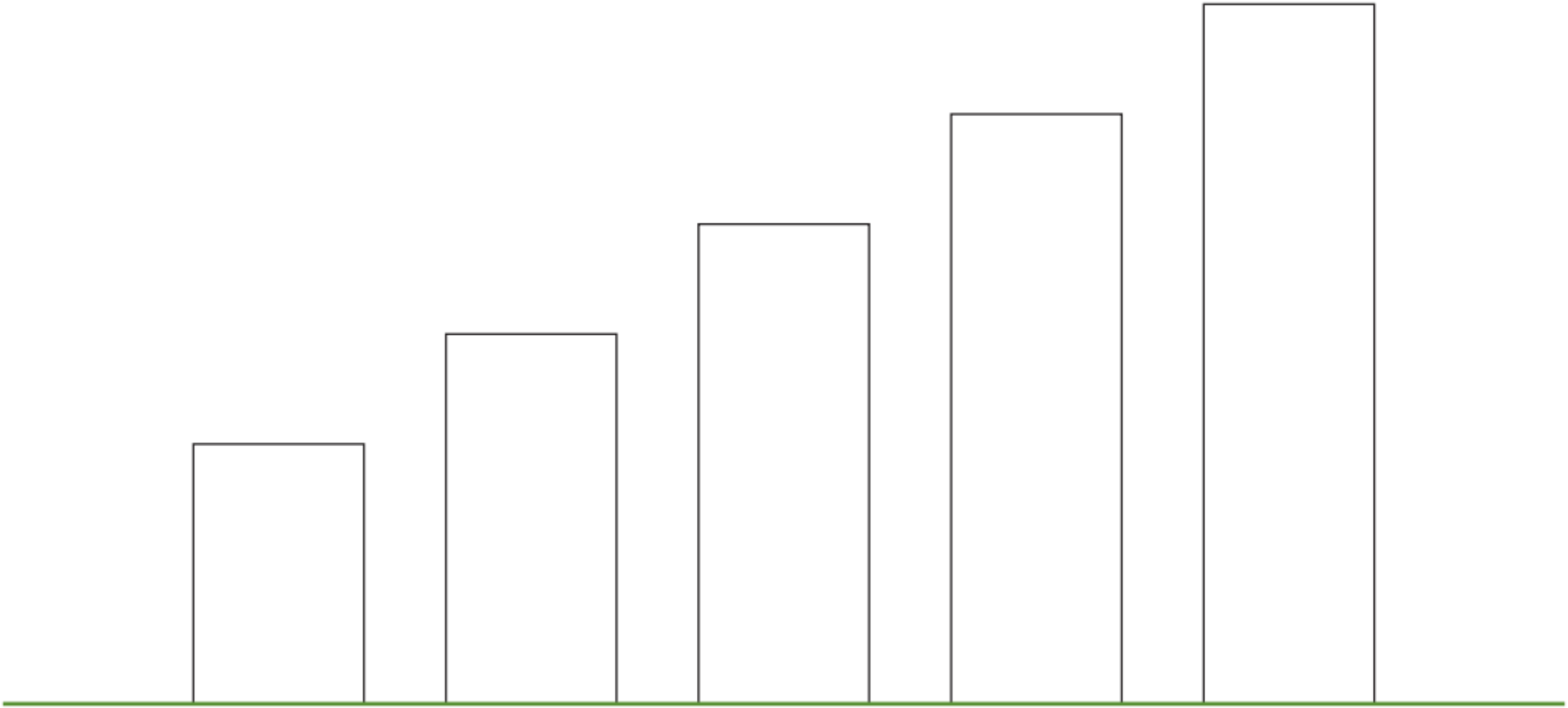






Teddy's Towers Height Ordering

Teddy has made some towers of bricks. Can you help Teddy place the towers in order from shortest to tallest?



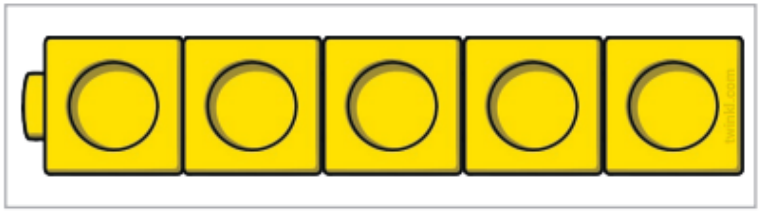


Which tower is the shortest? How many bricks did I use for the shortest tower?

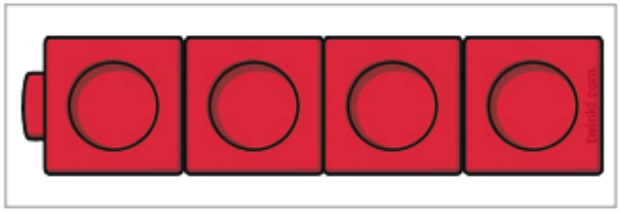
Which tower is the tallest? How many bricks did I use for the tallest tower?

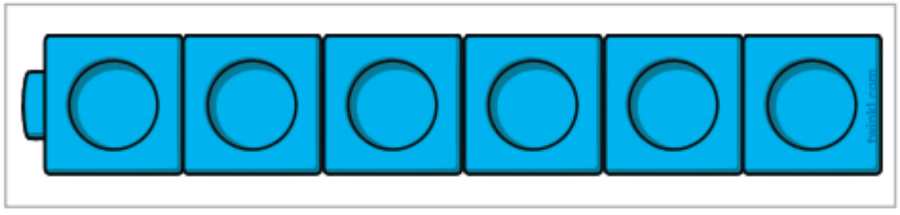
Can you use bricks to build some towers? Can you build a tower that is taller than my tallest tower?









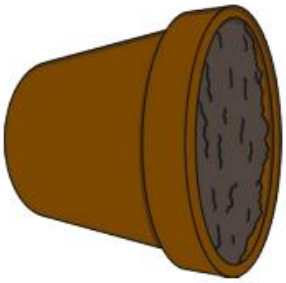


Full and Empty Sorting Activity

Cut out each picture then sort them into the correct boxes.

Full	Empty







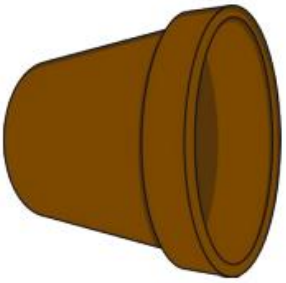


















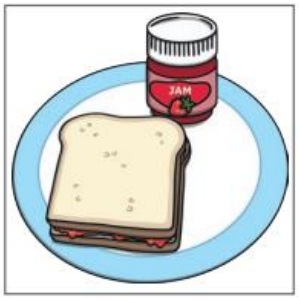
Making a Jam Sandwich

Look carefully at the pictures. Can you put them into the correct order to show how to make a jam sandwich?

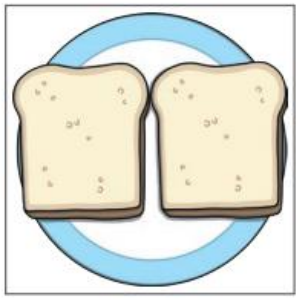
1	2	3	4	5	6

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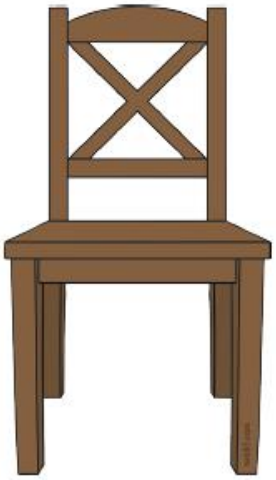


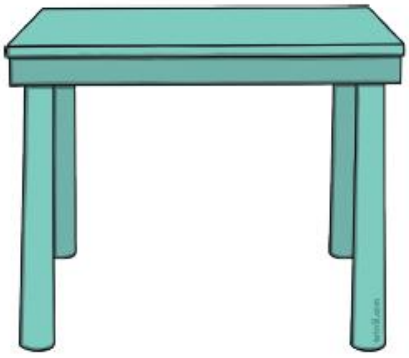


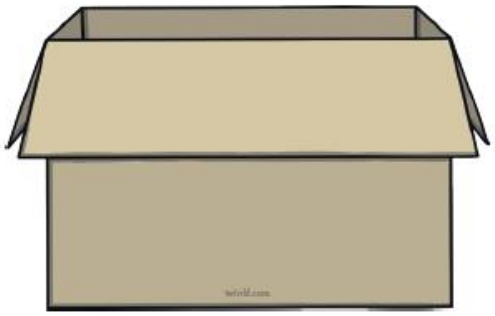




Positional Language











Put Teddy **on the table.**

Put Teddy **under the table.**

Put Teddy **beside the table.**

Put Teddy **behind the table.**

Put Teddy **in the box.**

Put Teddy **between the box and the table.**

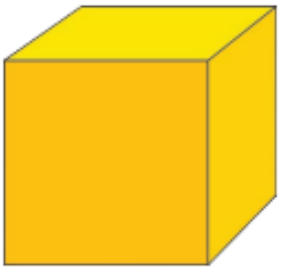
Can you find these shapes at home?

3D Shape Hunt

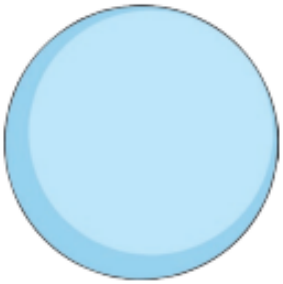
Look for these 3D shapes. Can you find them?



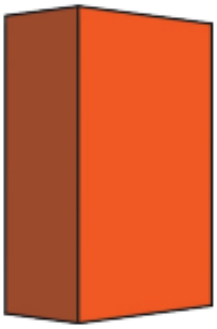
cone ☐



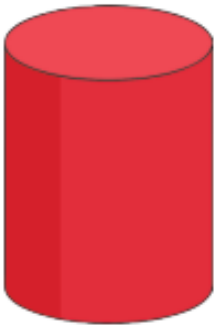
cube ☐



sphere ☐



cuboid ☐



cylinder ☐

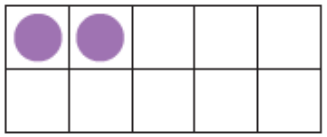
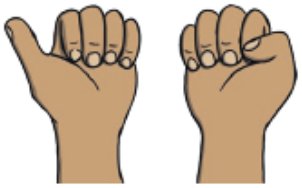
Number Formation and Representation 1 to 5 Activity

Practise forming the numerals 1, 2, 3, 4 and 5. Then, find the picture which represents the number and match it to the numeral.

1	2	3	4	5

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What Comes Next?

Write the number in the circle that comes next.

1.



2.



3.



4.



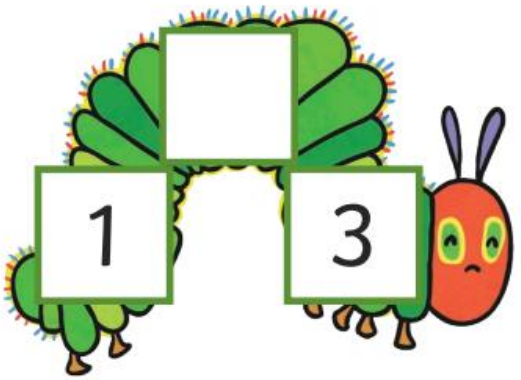
5.

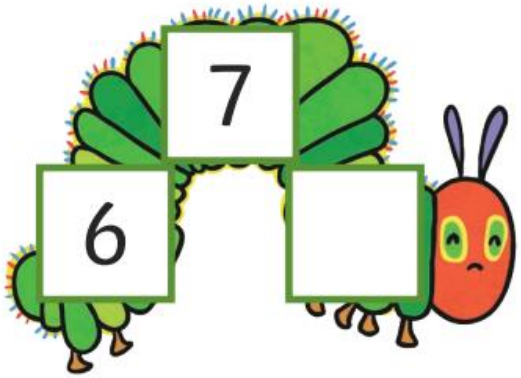


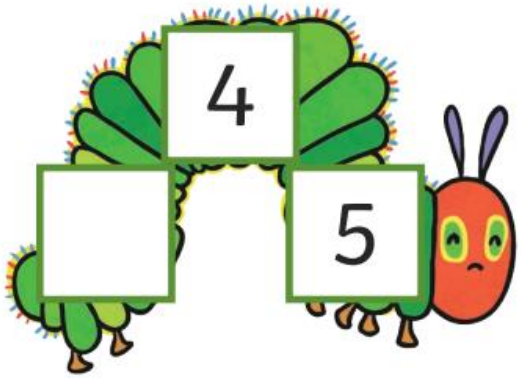
Number Sequencing Caterpillars

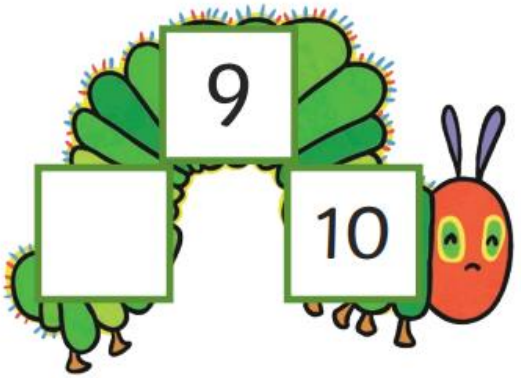


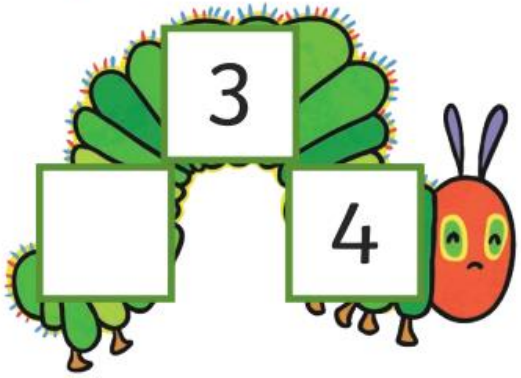


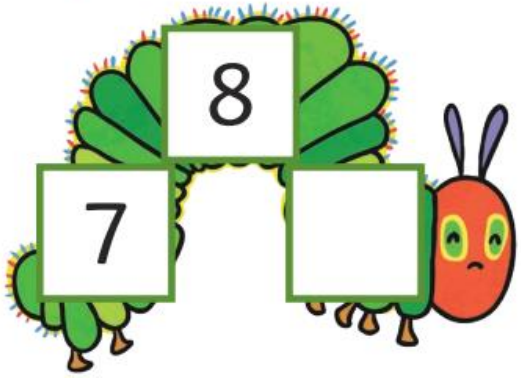


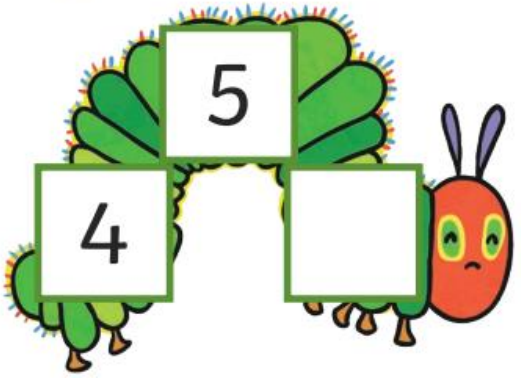






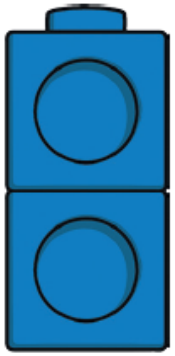




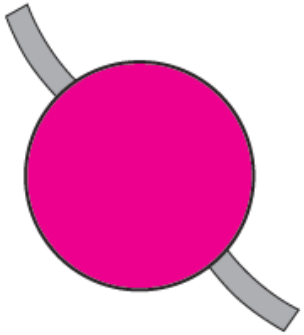


Numbers 1 to 5 How Many? Activity

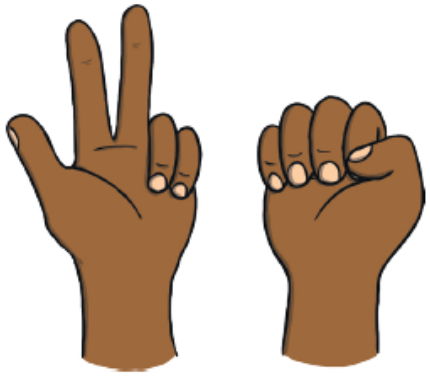
Look at the pictures. Can you work out which number it is? Circle the correct number.



1	2	4

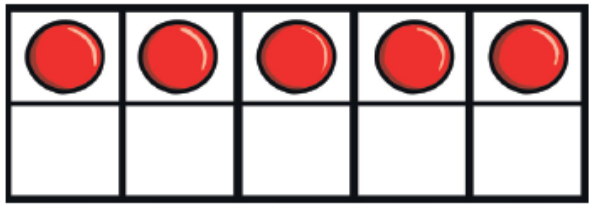


1	3	5



1	2	3

3	4	5



2	4	5

I think I have rolled a 4.
Am I right?



yes	no

Subitising to 5

Say and write how many you can see without counting.



