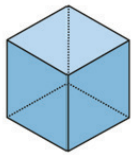
Y2 Learning at home activity sheet #2

Problem 1:

A cube is a box shape with six square faces (sides).
The line where two faces join is called an edge.
How many edges does a cube have?



Cube

Problem 2:

How many even numbers are there between 1 and 100?

Problem 3:

Can you make the large shape below with the four smaller shapes?

You may need to trace them onto another piece of paper and cut them out.

Number display:

Write the numbers from 1 to 10 down the side of a piece of paper.
Beside each, write the word for that number.
Draw that number of something beside each one. You can choose what to draw.

Handle hunt:

How many handles can you find in your house?
There are lots of different kinds of handles, write down how many of each kind you can find. Look for:

- Door handles
- Drawer handles
- Cup handles
- Pot handles
- Handles on cutlery

What other handles can you find?

Pattern challenge:

Draw or describe what will come next in each pattern.

A B C A B C

Make up some patterns of your own, and challenge a family member to continue them.

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Write in the missing numbers:

1	2		4	5	6		8	9	10
11	12	13	14		16	17	18		20
21	22	23		25	26	27	28	29	
	32	33	34	35		37		39	40
41		43	44	45	46		48	49	50
51	52	53	54		56	57		59	
61	62		64	65	66	67	68		70
71	72	73		75	76	77	78	79	80
	82	83	84	85	86		88	89	90
91		93	94	95	96	97	98	99	

Complete the fact families:

5 + 1 = ☐ 1 + ☐ = 5 6 – 1 = ☐ 6 – ☐ = 1	5 + 2 = ☐ 2 + ☐ = 7 7 – 2 = ☐ 7 – ☐ = 2

Follow the instructions below:

1. Find a can. It doesn't matter what is in it. Stand it up on the table in front of you.
2. Draw a picture of it in the box below.
3. Now draw a picture of what it looks like if you look at it from straight above it.
4. Now draw a picture of what it looks like if you look at it from table height.

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Learning at home: Notes for whānau

When your child finishes each activity, ask them to add a mouth to the face to show how they felt about that activity.

Problem 1:

Your child may like to find a dice from a board game and count the edges on that to solve this problem.

It can be difficult to count the edges without losing track of the ones you have already counted.

Try placing the dice on a table. How many edges are on the table? (4) How many edges go up and down? (4) How many edges are around the top? (4) There are a total of 12 edges.

Another way to think about the problem is that there are 6 square faces, each of which has 4 sides. That would add up to a total of 24, but each edge is the side of two squares, so you find half of 24, which is 12.

Problem 2:

Your child might be tempted to start writing numbers and then count them. Encourage them to think of a better way to solve the problem.

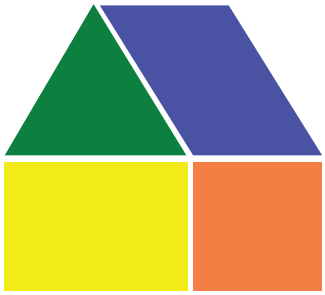
Every second number is an even number, so half of all numbers are even numbers.

Does your child know what half of 100 is? If they don't know what half of 100 is, ask them to think about how many even numbers there are between 1 and 10. They may need to count to see that there are 5.

You could use a hundreds board (like the one they complete on the second page of these activities) to count in fives down the rows to 100.

Problem 3:

Your child should be able to find the solution to this problem by cutting out the shapes and rearranging them:



Handle hunt:

How does your child keep track of the handles they have found? A list of type with a number beside each would be a good way. Do they know how to use tally marks?

Help your child think of any other interesting handles they can find. The handle on the kettle?

Pattern challenge:

The next items in the patterns are shown below.

A B C A B C A B C