Y1 Learning at home activity sheet #1

Problem 1:

Put these numbers in order from smallest to largest.

6 4 5 8 2 1

What numbers are missing?

Problem 2:

Katie was given a marble on Tuesday.
Then she was given two marbles every day for a long time.
When did she get her 11th marble?

Problem 3:

Mother Bear is making her 3 bear cubs new coats.
The coats have 3 buttons each.
How many buttons does Mother Bear need?

Counting Challenge:

1. How many doors do you have in your house?
2. How many windows do you have in your house?
3. How many plates do you have in your house?
4. How many legs can you find in your house? Include legs on pets, chairs, tables and any other legs you can think of!

Pattern Challenge:

Draw or describe what will come next in each pattern.

△○△△○△

● ● ● ● ●

↑ ↓ ↑ ↓ ↑

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

Project: Which holds the most?

Find some containers around your house. You might use cups, bowls, bottles, buckets, or vases. Put them into order from the one that holds the least to the one that holds the most. If you are not sure which holds more you could check by filling one up with water and pouring it into the other.
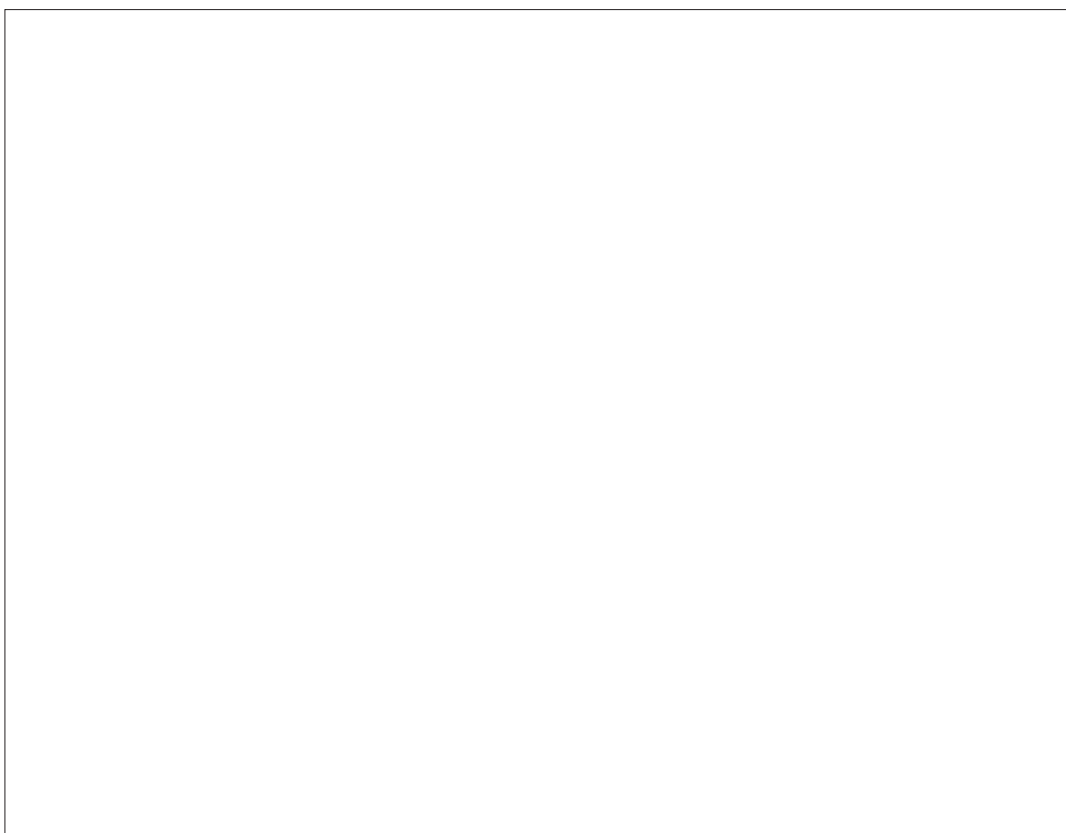
Do you have two different shaped containers that hold the same amount?

Y1 Learning at home activity sheet #1

Follow the instructions below:

1. Draw a square, a rectangle and a triangle in the box below.
2. Write the name of each shape below it.
3. Write the number of sides each shape has inside it.
4. Do you know any other shapes? Draw them as well.

Complete the fact families:

3 + 2 = ☐	4 + 1 = ☐
2 + 3 = ☐	1 + 4 = ☐
5 − 3 = ☐	5 − 4 = ☐
5 − 2 = ☐	5 − 1 = ☐

Write in the missing numbers:

1	2	3		5	6	7		9	10

1		3	4	5		7	8		10

1	2		4	5	6		8	9	

	2	3	4		6	7		9	10

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:

1 2 4 5 6 8

The missing numbers are 3 and 7.

Problem 2:

Your child might like to use either objects (marbles, counters, small stones) or a diagram to solve this problem.

Tuesday: ◯
Wednesday: ◯ ◯◯
Thursday: ◯ ◯◯ ◯◯
Friday: ◯ ◯◯ ◯◯ ◯◯
Saturday: ◯ ◯◯ ◯◯ ◯◯ ◯◯
Sunday: ◯ ◯◯ ◯◯ ◯◯ ◯◯ ◯◯

Here it can clearly be seen that it takes until Sunday for Katie to get 11 marbles.

Problem 3:

3 + 3 + 3 = 9 buttons.

Your child may be able to skip count in 3s or add 3 + 3 + 3, or they may need to count all of the buttons "1, 2, **3** … 4, 5, **6** … 7, 8, **9"**.

Pattern challenge:

The next items in the patterns are shown below.

nzmaths.