

# Y1 Learning at home activity sheet #2

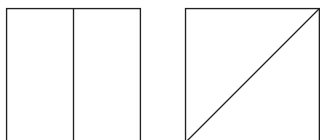
## Problem 1:

Maia is playing a game with two dice.  
She rolls them both and then adds the numbers together.  
What is the smallest answer she can get?  
What is the largest?



## Problem 2:

Can you fold a square of paper to make it look like each of these designs?



What other designs can you make with folds?

## Problem 3:

On the table at Pippa's party is a plate of 8 juicy orange quarters.  
Pippa wonders how many oranges her mum cut up.  
Show how Pippa could work this out.



## Counting Challenge - with a ball:

Find a ball.  
How many times can you throw it and catch it without dropping it?  
Try to beat your best score!  
Can you find a family member to play with you?



## Pattern Challenge:

Draw or describe what will come next in each pattern.

**A B A B A B**



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



## Project:

Draw a map of your bedroom. Make it as accurate as you can.  
Include doors and windows, your bed, and any other furniture.

Hide something in your room, mark where on the map and see if a family member can find it!



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Follow the instructions below:

1. Draw a circle in the box below. Colour half of it in.
2. Draw a square in the box below. Colour half of it in too.
3. How many different shapes can you draw and colour half of them in?



Complete the fact families:



$5 + 1 = \square$	$5 + 2 = \square$
$1 + 5 = \square$	$2 + 5 = \square$
$6 - 1 = \square$	$7 - 2 = \square$
$6 - 5 = \square$	$7 - 5 = \square$

Write in the missing numbers:

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

1		3	4			7	8		10
---	--	---	---	--	--	---	---	--	----

	2		4	5	6		8	9	
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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:

Check that your child knows what numbers are possible on a dice (1, 2, 3, 4, 5, 6).

Ask them what will make the smallest possible total (two ones), and what that total will be (two).

Ask them what will make the largest possible total (two sixes). Do they know what six plus six equals?

They may need to count in their head or on their fingers to add them together.

## Problem 2:

Yes, both of the designs shown can be made by folding the paper:

1. Fold the left hand side of the square across to line up with the right hand side, then unfold.
2. Fold the top left corner of the square down to touch the bottom right corner, then unfold.

## Problem 3:

Your child may like to draw a diagram to solve this problem. The orange quarters don't have to be accurate, as long as there are 8 of them. Then they can draw circles to show groups of four making two whole oranges.

## Project:

You may need to help your child with their map.

Ask them to think about the shape of their room first, and draw that.

Then add the door and any windows.

Ask them where their bed is if they come in the door.

Challenge them to add more detail to their map.

## Pattern challenge:

The next items in the patterns are shown below.

A B A B A B A B

