Y2 Learning at home activity sheet #4

Problem 1:

The sum of three numbers is 15. All the numbers are different. One number is 5.
What could the other numbers be?

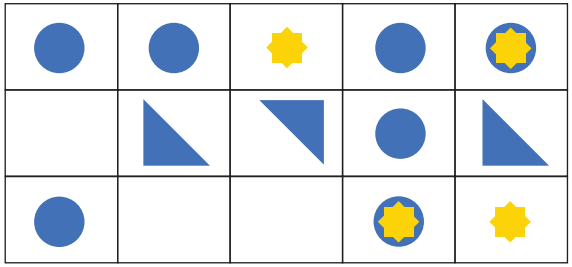
Problem 2:

Nine friends are planning a holiday. They are taking two cars on the trip.
How many people might go in each car?

How would the number of people in each car change if the friends take three cars?

Problem 3:

Look at the picture. What different things can you count in the picture?
Which has the most? Which has the least?



Looking for cylinders:

A soup can is a cylinder.
Look for other objects around your home that are cylinders.
Write a list or draw pictures of any you find.

How heavy:

Hold a piece of fruit in your hand and feel how heavy it is.
Now, find two things in your home that are:

- heavier than your fruit
- lighter than your fruit
- about the same weight as your fruit.

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Tell a story:

Tell a maths story about picking vegetables from a garden. Make sure you only use numbers from 1 to 10. Now draw a picture that shows your maths story. Use your picture to tell your story to a member of your whānau.

Complete the fact families:

6 + 5= ☐ 5 + 6 = ☐ 11 – 5 = ☐ 11 – 6 = ☐	9 + 2 = ☐ 2 + 9 = ☐ 11 – 2 = ☐ 11 – 9 = ☐

Counting in tens forwards and backwards – fill in the gaps:

10			40	50	60			90	

10	20					70			

100		80					30		

100	90				50		30		

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:

If one number is 5, the other two numbers must add to 10.
All three numbers must be different, so the other two numbers are not 5s.
The possible answers are:

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

Problem 2:

Your child is likely to bring some of their own personal experience to this problem. How many people could be in each car? It is unlikely that 8 people would all fit comfortably in a car, however they may have been in a 7-seat car. If they only consider small cars they may say that it would need to be 5 people in one car and 4 in the other.

If the friends take three cars there are lots of possibilities. Even if we assume that at least 2 people will go in each car so they don't get lonely, the possible answers are:

- 2, 2, 5
- 2, 3, 4
- 3, 3, 3

Problem 3:

There are five different "objects" in the picture:

- 8 circles
- 7 stars
- 5 circles with stars
- 3 triangles
- 2 empty spaces

Looking for cylinders:

Examples of cylinders include:

- Tubes of biscuits or chips
- Some shampoo containers
- Toilet rolls
- Drink cans

How heavy:

It should be easy enough to find objects that are lighter or heavier than a piece of fruit.

Depending on the fruit, objects about the same weight might include small books, toys, a cup or bowl, a shoe, an ornament…

Story:

Encourage your child to include words and at least three numbers in their story, for example:
"I went to the garden and picked 4 carrots, 2 lettuces and 1 cucumber to make a salad."