In The Lift

Raju works as a liftman in an apartment block 6 storeys high. This morning 9 people got into the lift on the ground floor. When the lift reached the 1st floor, 3 people got out and 6 people got in.

- How many people were there in the lift? ______
- When the lift reached the 2nd floor, half the people got out. How many people were there in the lift? ______
- The lift then went to the 3rd floor. 2 people got out and 7 people got in. How many people were there in the lift? ______
- When the lift reached the 4th floor, 6 people got out of the lift and 3 people got in. ______
- How many people were there in the lift? ______
- No one got out of the lift on the 5th floor but when some people got in, the number of people in the lift became double. How many people were there in the lift? ______
- Finally the lift reached the sixth floor. Only 2 people got out. The rest wanted to go down to the ground floor. How many people came down? ______
The city museum has a section where old coins are displayed. Some of the coins are very rare. Here are some of the coins from the collection. The year the coin was in use is given. Write how old each coin is in the box.

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Learning Outcome: Performs simple calculations to find the age of the given object
Secret Code

Here numbers have been used for letters. Complete this list of letters and numbers.

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
1 2 3 4 5

Dora wants to write to her friend Boots 'Hello Boots'. What will she write using the rule shown above?

If the rule is changed and 1 is written in place of 'Z', 26 in place of 'A' and so on, then decode the following message.

14 26 7 19 8 18 8 21 6 13

14 26 7 19 22 14 26 20 18 24

17 6 14 11 18 13 20 17 26 24 16

Learning Outcome: Recognises the underlying rule and decodes the secret messages.
Longest Boundary

Here are the pictures of some fields. Find out which one has the longest boundary.

1. 25 meters
   12 meters
   5 meters
   Boundary = _______ meters

2. 6 meters
   10 meters
   12 meters
   6 meters
   Boundary = _______ meters

3. 12 meters
   9 meters
   15 meters
   Boundary = _______ meters

Learning Outcome: Demonstrates understanding of the concepts of boundary and length.
Look and tell.

- Which two stars have the largest distance between them? __________
- Which two stars have the shortest distance between them? ________
- Which star is closest to star 8? ____________________________
- Measure the distance between the star 8 and its closest neighbour with a ruler and tell. ____________________________
- What is the distance between stars 8 and 10? ________________
- What is the distance between stars 3 and 7? ________________
- What is the distance between stars 1 and 2? ________________