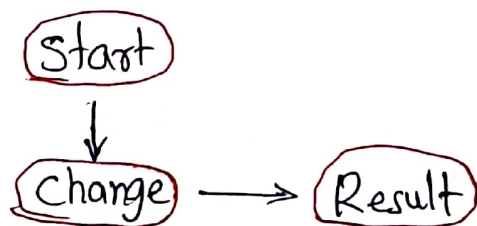# Problem Structure

Concept: Subtraction

Learning outcomes: Students will be able to identify the problem structure and arithemetic operation and Solve word problems involving subtraction.

TLM: Paper currency.

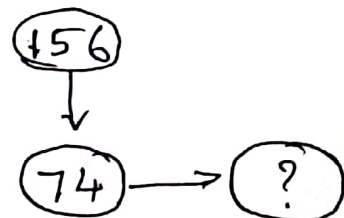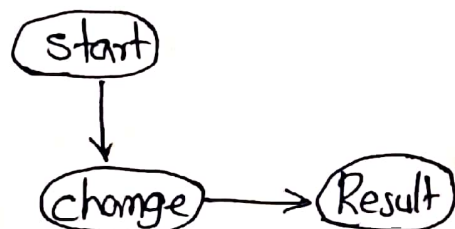**Q.** Augus went to market with ₹156. He spent ₹74. How much money is now left with Augus.?

Step-1 :- Identify the problem structure. Here above the question falls under "Result Unknown" problem structure.

```
        (Start)
           |
           v
        (Change) ------> (Result)
```

Step-II :- Identify the missing elements in the problem structure based on the key words of the problem.

Key words: spent, left.

Step-3: Identify the operation to find the missing elements.

```
      (Start)                     (156)
         |                          |
         v                          v
      (Change)---->(Result)     (74)---->(?)
```

Augus spent some money. so total value.
is decreasing (less) a bit.

So we need to 'subtraction'

Step-4:- Apply the suitable operation to find out
the missing elements

$$156 - 74 = 82$$

Result value is 82

Step-5:- Re write the question in the form of a
statement with all the values.

"Augus went to markt with ₹ 156. He spent ₹ 74.
Now ₹ 82 left with Augus."

KRP s ; Banaganapalli

K. Madhu Kishore

T. Augustis

M. chinna Rama Narasimhulu

K. Umadevi