

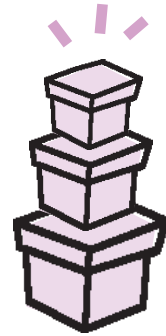
## D. Two-step Word Problems

Starting Point

Sometimes you need **two configurations** to solve problems.

**Example:**

Ronit had 4 red boxes and 2 blue boxes.  
She put 25 beads in each box.  
How many beads did Ronit put in all the boxes?



To solve this problem, both **additive** and **multiplicative configurations** are needed.

- Cut two configurations, from the cards at the back of the book and complete the configurations.

Number: 25 Description: Beads in each box	Number: <input type="text"/> Description: Boxes	Number: 2 Description: Blue boxes	Number: 4 Description: Red boxes
×		+	
Number: <input type="text"/> Description: Beads		Number: <input type="text"/> Description: Boxes	

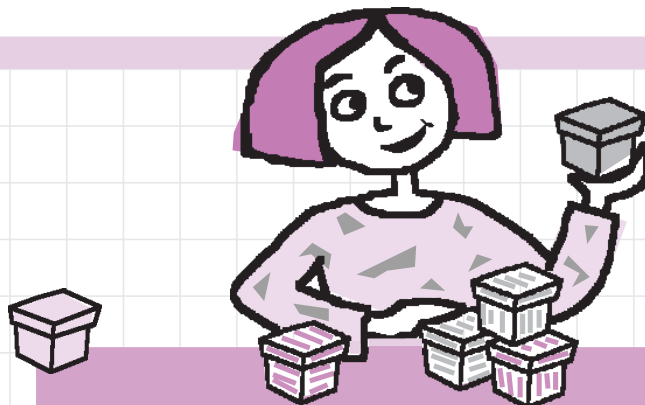
In both configurations there is the same component which is:

boxes.

This is the **shared component** !

Only if we find out this component in the additive configuration and put it in the multiplicative configuration, will we be able to solve the entire problem.

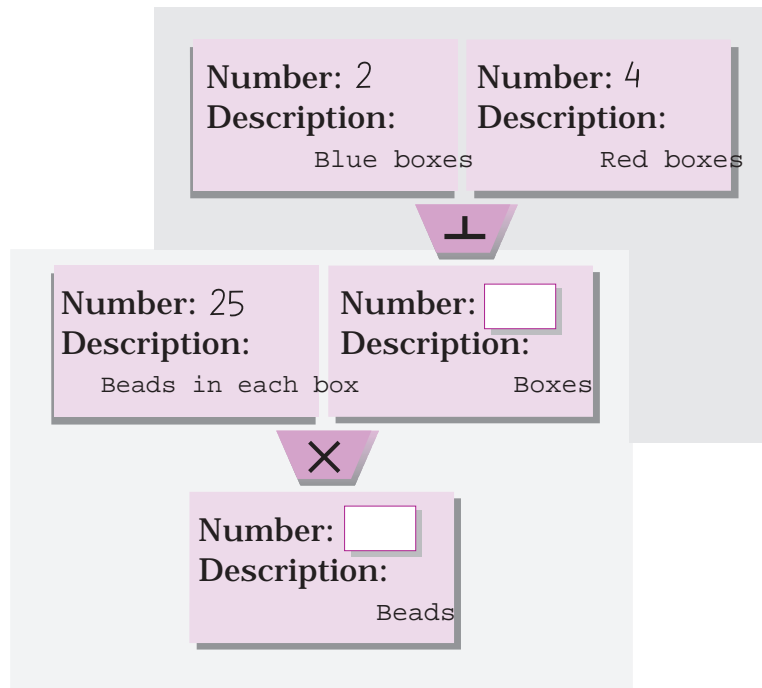
◀ Continue



## D. Two-step Word Problems



- We put the shared component, that belongs to the two configurations one below the other. The two configurations are combined by the shared component.



- Write exercises for all the components that include .
- Note: The first exercise (in this case) is for the additive configuration.

Can you explain why? \_\_\_\_\_

- Solve the problem: \_\_\_\_\_

