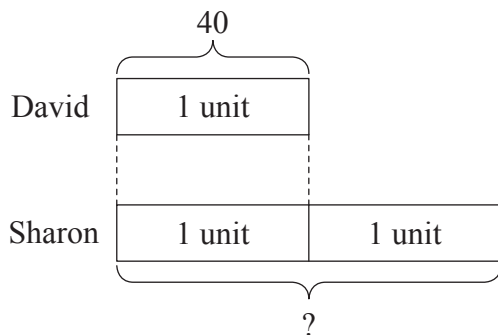


# Multiplication

## Example 1

David had 40 stickers.  
Sharon had twice as many stickers as David.  
How many stickers did Sharon have?

**Solution:**



The word 'twice' shows 2 units for Sharon compared to David who has 1 unit. Therefore, the models are drawn as shown.

1 unit  $\rightarrow$  40 stickers  
2 units  $\rightarrow$  ? stickers  
 $40 \times 2 = 80$   
Sharon had 80 stickers.

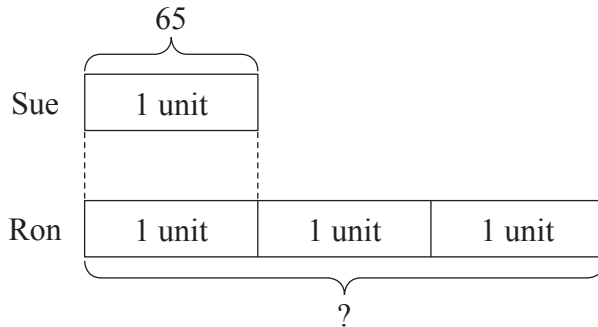
*Working*

$$\begin{array}{r} 40 \\ \times 2 \\ \hline 80 \end{array}$$

## Example 2

Sue collected 65 seashells.  
Ron collected thrice as many seashells as Sue.  
How many seashells did Ron collect?

**Solution:**



The word 'thrice' shows 3 units for Ron compared to Sue who has 1 unit. Therefore, the models are drawn as shown.

1 unit  $\rightarrow$  65 seashells

3 units  $\rightarrow$  ? seashells

$$65 \times 3 = 195$$

Ron collected 195 seashells.

*Working*

$$\begin{array}{r} 65 \\ \times 3 \\ \hline 195 \end{array}$$

**Solve the following word problems using models.**

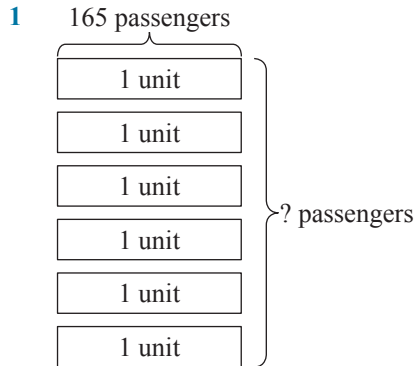
*Working*

- 1** A bus can carry 165 passengers at one time.  
How many passengers can 6 buses carry?

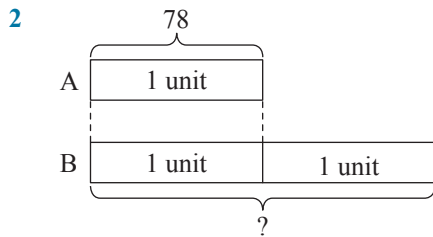
- 2** Container A has 78 tennis rackets.  
Container B has twice as many tennis rackets as Container A.  
How many tennis rackets are there in Container B?

Solutions:

# Multiplication



1 bus  $\rightarrow$  165 passengers  
6 buses  $\rightarrow$  ? passengers  
 $165 \times 6 = 990$   
6 buses can carry 990 passengers.



1 unit  $\rightarrow$  78 tennis rackets  
2 units  $\rightarrow$  ? tennis rackets  
 $78 \times 2 = 156$   
There are 156 tennis rackets in Container B.