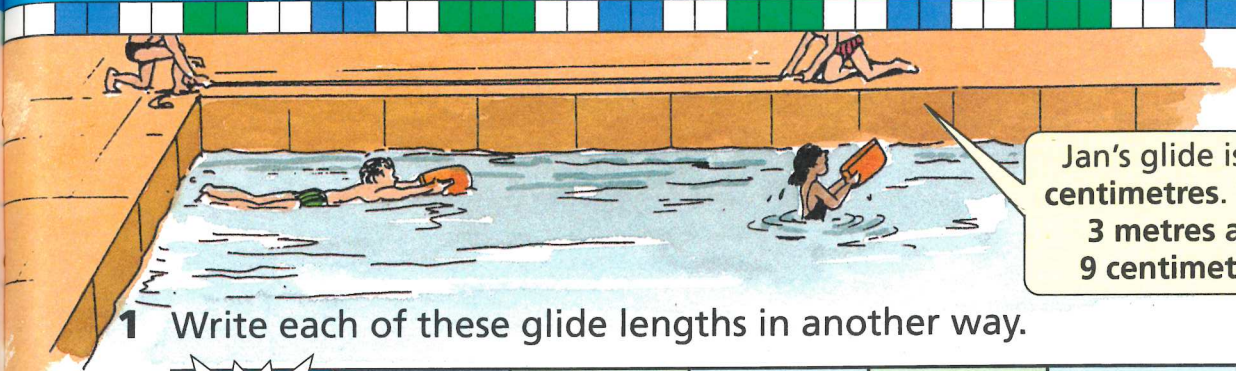


# Glides and dives

70

Length:  
m and cm,  
+, -



Jan's glide is 309 centimetres. That's 3 metres and 9 centimetres.

1 Write each of these glide lengths in another way.

First glide	Naomi	Kris	Gordon	Marie	Rashmi
	435cm	497cm	3m 76cm	4m 29cm	3m 4cm

Jan's second glide was 3m 97cm.  
She calculated the total for her two glides like this.

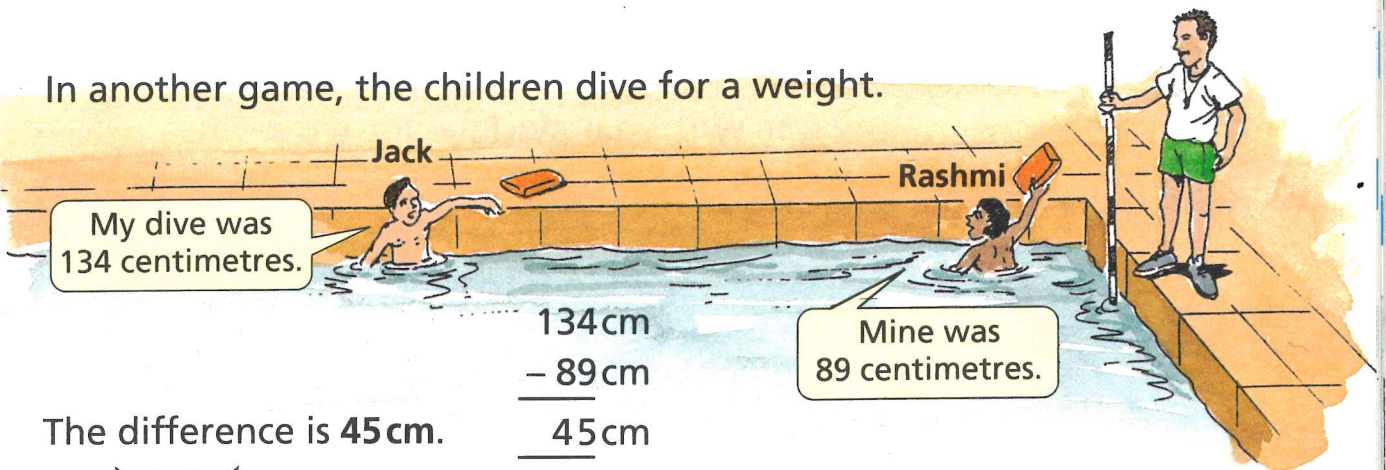
$$\begin{array}{r} 309\text{cm} \\ + 397\text{cm} \\ \hline 706\text{cm} \rightarrow 7\text{m } 6\text{cm} \end{array}$$

2

Second glide	Naomi	Kris	Gordon	Marie	Rashmi
	3m 46cm	4m 12cm	3m 5cm	2m 99cm	400cm

- (a) Calculate the **total** of the **two** glide lengths for each child.  
 (b) The winner has the longest total glide length.  
 Name the winner and the next two children in order.

In another game, the children dive for a weight.



My dive was 134 centimetres.

Jack

$$\begin{array}{r} 134\text{cm} \\ - 89\text{cm} \\ \hline 45\text{cm} \end{array}$$

Mine was 89 centimetres.

Rashmi

The difference is 45 cm.

3

Dive depths	Naomi	Kris	Gordon	Marie	Jan
	1m 73cm	205cm	2m 14cm	123cm	2m

- Find the **difference** in depth between  
 (a) Rashmi's dive and each of the others' dives  
 (b) the deepest dive and each of the others.