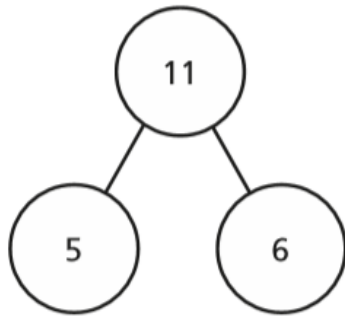


### Activity 3 Addition and Subtraction

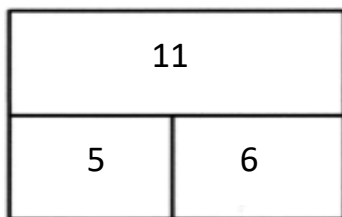
- 3 Complete the number sentences for the part-whole model.



<input type="text"/>	+	<input type="text"/>	=	<input type="text"/>
<input type="text"/>	-	<input type="text"/>	=	<input type="text"/>
<input type="text"/>	+	<input type="text"/>	=	<input type="text"/>
<input type="text"/>	-	<input type="text"/>	=	<input type="text"/>

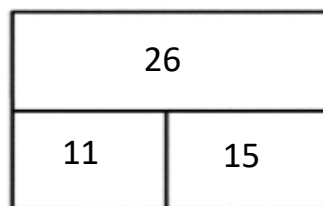
Look carefully at the signs!

A bar model shows the same as a part-whole model. The two parts go in the bottom and the whole number goes in the top of the bar. We have used these in school.



Choose 3 chilli challenge questions to answer and draw a bar model for each one. Here is an example

$11 + 15 = 26$



Mild	Spicy	Hot!
$6 + 4 =$	$11 + 8 =$	$22 + 25 =$
$8 + 3 =$	$21 + 17 =$	$39 + 32 =$
$7 + 7 =$	$36 + 11 =$	$51 + 47 =$

### Activity 3 Addition and Subtraction

- 5 Circle any incorrect calculations.

$3 + 7 = 10$

$10 = 3 + 7$

$7 + 3 = 10$

$10 = 7 + 3$

$10 - 7 = 3$

$7 - 3 = 10$

$3 - 10 = 7$

$7 = 10 - 3$

Explain the mistake that has been made.

- 6 Here are some number cards.



Choose two number cards and find their total.

$$\square + \square = \square$$

Write the fact family for this calculation.

**Challenge** – Make your own number cards. Choose two and find their total. Write the fact family for this calculation. If you would like to, choose two different cards and repeat.