

# Stage 5

## Addition & Subtraction Pamphlet

**Stage 5**  
Addition & Subtraction Strategies

**Using doubles**

$8 + 7 = \square$

Double the biggest number  $8 + 8 = 16$   
Now compensate  $16 - 1 = 15$

so  $8 + 7 = 15$

A number line starting at 8 and ending at 16. A large arrow labeled '+8' spans from 8 to 16. A smaller arrow labeled '-1' starts at 16 and ends at 15. The number 15 is marked on the line.

A cartoon boy with blonde hair, wearing a blue shirt and brown pants, standing with his arms crossed.

**Stage 5**  
Addition & Subtraction Strategies

**Using fives**

$8 + 6 = \square$

Split each number using fives

Add the fives together and the other numbers together

so  $8 + 6 = 14$

A number line starting at 5 and ending at 14. Three arrows labeled '+5', '+3', and '+1' are shown. The first arrow goes from 5 to 10, the second from 10 to 13, and the third from 13 to 14. The numbers 5, 10, 13, and 14 are marked on the line.

A cartoon boy with blonde hair, wearing a blue shirt and brown pants, standing with his arms crossed.

**Stage 5**  
Addition & Subtraction Strategies

**Using 'Making tens'**

$27 + 8 = \square$

Use a portion of the smaller number to make ten

$27 + 8 = \square \rightarrow 30 + 5$

so  $27 + 8 = 35$

A cartoon boy with blonde hair, wearing a blue shirt and brown pants, standing with his arms crossed.

**Stage 5**  
Addition & Subtraction Strategies

**Using place value**

$47 + 36 = \square$

Expand the numbers into  $10_s$  &  $1_s$   
 $40 + 7 + 30 + 6 \rightarrow 40 + 30 + 7 + 6$

Now recombine the numbers  
 $70 + 13 \rightarrow 80 + 3$

so  $47 + 36 = 83$

A cartoon boy with blonde hair, wearing a blue shirt and brown pants, standing with his arms crossed.