

Small steps

Step 1

Apply number bonds within 10

Step 2

Add and subtract 1s

Step 3

Add and subtract 10s

Step 4

Add and subtract 100s

Step 5

Spot the pattern

Step 6

Add 1s across a 10

Step 7

Add 10s across a 100

Step 8

Subtract 1s across a 10

Small steps

Step 9

Subtract 10s across a 100

Step 10

Make connections

Step 11

Add two numbers (no exchange)

Step 12

Subtract two numbers (no exchange)

Step 13

Add two numbers (across a 10)

Step 14

Add two numbers (across a 100)

Step 15

Subtract two numbers (across a 10)

Step 16

Subtract two numbers (across a 100)

Small steps

Step 17

Add 2-digit and 3-digit numbers

Step 18

Subtract a 2-digit number from a 3-digit number

Step 19

Complements to 100

Step 20

Estimate answers

Step 21

Inverse operations

Step 22

Make decisions

Small steps

Step 1

Multiplication – equal groups

Step 2

Use arrays

Step 3

Multiples of 2

Step 4

Multiples of 5 and 10

Step 5

Sharing and grouping

Step 6

Multiply by 3

Step 7

Divide by 3

Step 8

The 3 times-table

Small steps

Step 9

Multiply by 4

Step 10

Divide by 4

Step 11

The 4 times-table

Step 12

Multiply by 8

Step 13

Divide by 8

Step 14

The 8 times-table

Step 15

The 2, 4 and 8 times-tables