

# Make 25

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*The Busy Lizzie Maths Library*

## Make 25

Here are three squares. Can you link and use the boxes only once to make a sum of 25?

How many ways can you find?

1	7	4
9	2	3
8	5	6

4	3	6
8	5	2
1	9	7

3	5	2
9	4	7
6	1	8

solution

## Make 25

Here are three possible solutions for the first square.

1	7	4
9	2	3
8	5	6

Arrows: 1→9, 9→8, 8→5, 5→2, 2→3

1	7	4
9	2	3
8	5	6

Arrows: 9→2, 2→3, 6→5

1	7	4
9	2	3
8	5	6

Arrows: 7→4, 4→3, 6→5

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solution

## Make 25

Here are three possible solutions for the second square.

4	3	6
8	5	2
1	9	7

Arrows: 8→1, 1→9, 9→7, 7→5, 5→2

4	3	6
8	5	2
1	9	7

Arrows: 8→1, 1→9, 9→5, 5→2

4	3	6
8	5	2
1	9	7

Arrows: 4→8, 8→5, 5→2, 6→2

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solution

# Make 25

Here are three possible solutions for the third square.

3	5	2
9	4	7
6	1	8

Arrows indicate the path: 5 (top) → 4 (middle) → 1 (bottom) → 8 (bottom right).

3	5	2
9	4	7
6	1	8

Arrows indicate the path: 3 (top left) → 5 (top middle) → 2 (top right) → 7 (middle right) → 8 (bottom right).

3	5	2
9	4	7
6	1	8

Arrows indicate the path: 5 (top middle) → 4 (middle middle) → 1 (bottom middle) → 8 (bottom right).