## Joins

Join any four numbers.
Find their total.
Joins can go up, down or sideways, but not diagonally. The score shown is $8+15+6+18=47$.


Find the highest possible score.
Find the lowest possible score.

Try joining five numbers.
Now try joining five numbers using only diagonal joins.

## Teaching objectives

Solve mathematical problems or puzzles.
Add and subtract two-digit numbers mentally.

