

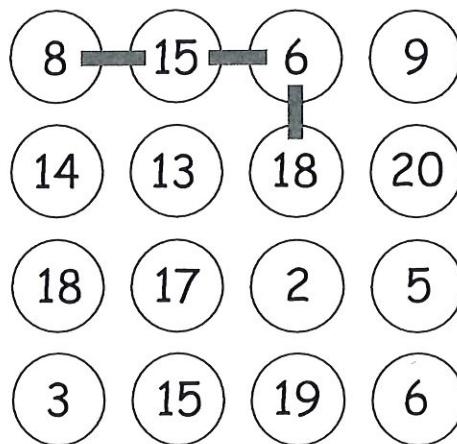
## Joins

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.

**54**