

FP JOINING NUMBERS (PAIR)

Work on your own or with a friend
If you work with a friend, take turns

- Join any four numbers. Find their total.
- Joins can go up, down, across and diagonally.
- The score for the example is $9 + 4 + 9 + 14 = 36$.

GRID 1

| | | | |
|---------|---|---|---|
| | 3 | 2 | 4 |
| GRADE 1 | 4 | 7 | 6 |
| | 1 | 5 | 3 |

GRID 2

| | | | | |
|-------------------|----|----|----|----|
| | 9 | 12 | 4 | 10 |
| GRADE 2 and above | 4 | 7 | 6 | 8 |
| | 1 | 5 | 3 | 13 |
| | 20 | 10 | 11 | 2 |

GRID 3

| | | | |
|----|----|----|----|
| 1 | 20 | 5 | 10 |
| 4 | 17 | 12 | 13 |
| 15 | 8 | 3 | 7 |
| 6 | 10 | 18 | 2 |

CHALLENGES

- Find the highest possible score with 4 numbers
- Find the lowest possible score with 4 numbers

- Now try joining five numbers up, down, across and diagonally.
- The score for the example: $15 + 10 + 3 + 5 + 14 = 47$