

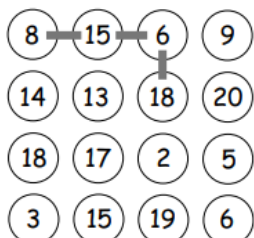
Joins

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.

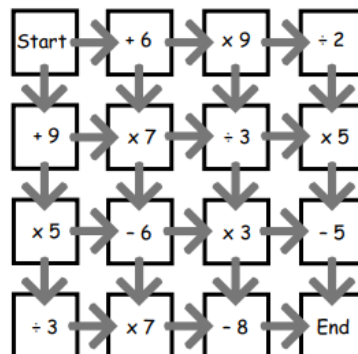
Try joining five numbers.

Now try joining five numbers using only diagonal joins.

Maze

Start with zero.

Find a route from 'Start' to 'End' that totals 100 exactly.



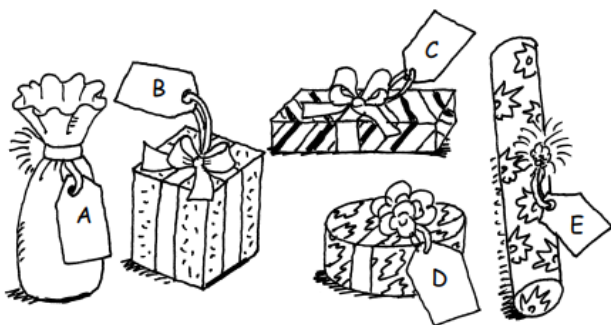
Which route has the highest total?

Which has the lowest total?

Now try some different starting numbers.

Presents

Gurmit paid £21 for five presents.



For A and B he paid a total of £6.

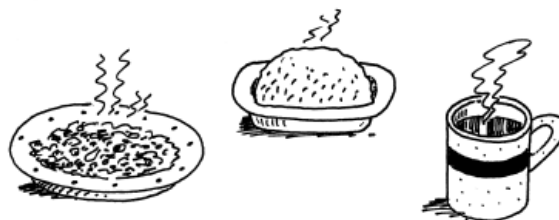
For B and C he paid a total of £10.

For C and D he paid a total of £7.

For D and E he paid a total of £9.

How much did Gurmit pay for each present?

Franco's fast food



This is what food costs at Franco's café.

1 curry and 1 tea cost £4.

2 curries and 2 puddings cost £9.

1 pudding and 2 teas cost £2.

What do you have to pay in total for

1 curry, 1 pudding and 1 tea?

What does each item cost on its own?