NUMERACY CHALLENGE

ACCESS MATHS
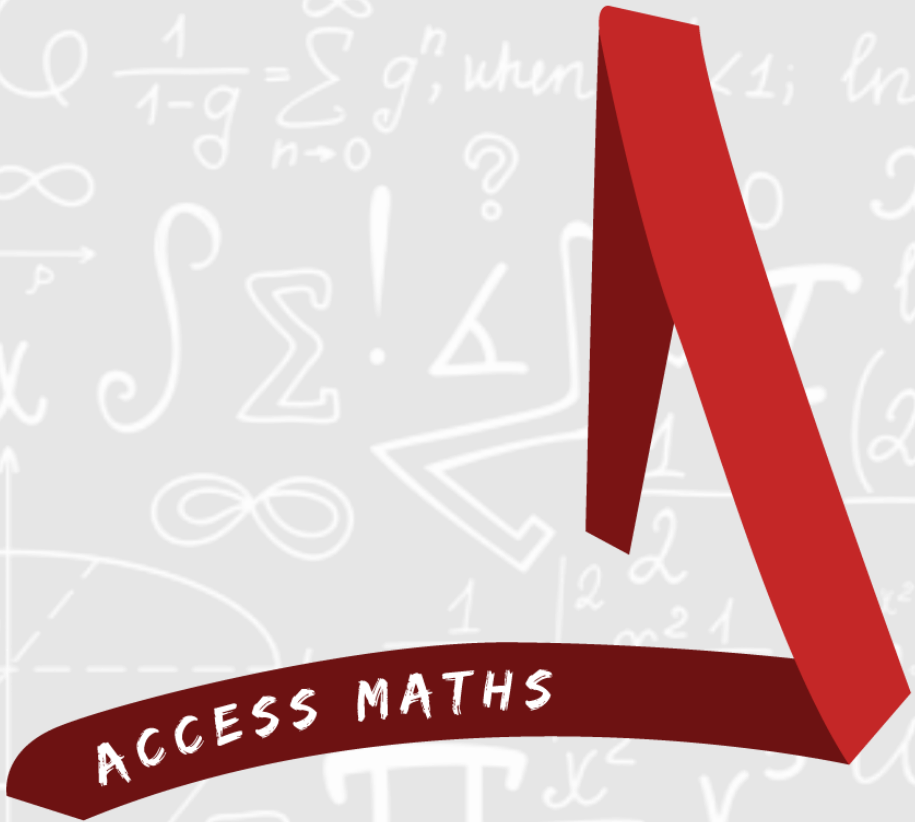
5

LEVEL 1   LEVEL 2

ACCESS MATHS

NUMERACY CHALLENGE

Cross out two numbers so that each row and column adds up to a multiple of 5.

1	2	4	8
5	3	2	3
7	7	1	6
2	6	3	9

LEVEL 1

3 men go out for a meal. The bill arrives, and it's £30.
Each man pays £10.

The manager then realises that he has overcharged the men, and the meal should only have cost £25, so he sends the waiter back with £5.

The waiter realises that he can't share £5 out equally between the 3 men, so he gives each man back £1, and keeps the other £2 for himself.

This means the 3 men paid £9 for the meal each, which is a total of £27, and then if you add the £2 the waiter kept, that makes £29. Where did the other £1 go?

NUMERACY CHALLENGE LEVEL 1

Cross out two numbers so that each row and
column adds up to a multiple of 5.

1	2	4	8
5	3	2	3
7	7	1	6
2	6	3	9

NUMERACY CHALLENGE LEVEL 2

3 men go out for a meal.
The bill arrives, and it's £30.
Each man pays £10.

The manager then realises that he has overcharged the men, and the meal should only have cost £25, so he sends the waiter back with £5.

The waiter realises that he can't share £5 out equally between the 3 men, so he gives each man back £1, and keeps the other £2 for himself.

This means the 3 men paid £9 for the meal each, which is a total of £27, and then if you add the £2 the waiter kept, that makes £29. Where did the other £1 go?

LEVEL 1

2nd row, 2nd column, delete the 3.
3rd row, 4th column, delete the 6.

1	2	4	8
5	🟥	2	3
7	7	1	🟥
2	6	3	9

LEVEL 2

There is a trick in the question. There is actually no missing £1. The men spent £27, of which £25 went on the meal and £2 went to the waiter.

£25 – room
£3 back to the men
£2 waiter.

Total = £30