

Q1. (2018)

- 17** Here are two methods to make a 4-digit code.
Codes can have repeated digits.

Method A

For the first two digits use an odd number between 30 and 100
For the last two digits use a multiple of 11

Method B

Use four digits in the order even odd even odd
Do **not** use the digit zero

Which method gives the **greater** number of possible codes?
You **must** show your working.