

December 29<sup>th</sup>

When a number is divided by 3 the remainder is 2.

When it is divided by 4 the remainder is 3.

When it is divided by 5 the remainder is 4.

What is the smallest possible number which satisfies these conditions?

This is equivalent to find a number that is one less than the LCM of 3, 4 and 5.

Lowest Common Multiple of 3, 4 and 5 is 60.

Therefore, smallest possible number = **59**