

# Bellringing team quiz sheet 1

Team name:

## Investigating Method names

Look around the tower - on peal boards, notices and literature and see if you can name **ten** methods or patterns


## We all love a little bit of maths...

An **extent** contains all available changes on a given number of bells. This is calculated using factorials. The extent on two bells will be  $2 \times 1 = 2$ . The extent on 3 bells will be  $3 \times 2 \times 1 = ?$ . On 12 it will be  $12 \times 11 \times 10 \times \dots$  and so on..... Anyone got a calculator?

2 bells	$2 \times 1$	2
3 bells	$3 \times 2 \times 1$	
4 bells	$4 \times 3 \times 2 \times 1$	
5 bells		
6 bells		
7 bells		
8 bells		
9 bells		
10 bells		
11 bells		
12 bells		