

Scientific models

We have done 1 (a) as an example to get you started.
Please read the instructions for Q1 on the sheet, look the patterns on 1 (a) and then copy the following in your book or on your sheet of paper.

1 (a)

Number of red beads	Number of the yellow beads
2	10
3	15
4	20

- the number of yellow beads = the number of red beads x 5
- 50 yellow beads

repeat for 1 (b), (c) and (d) – copy and complete the following stem for the rule each time: *the number of yellow beads = the number of red beads* __ (the children just need to add the correct operation to complete the rule, e.g. + 6, - 3, x 4, ÷ 5)

for 2 (b), they use basically the same stem but the colours of the beads are different:

the number of green beads = the number of blue beads __

for 3 (a), (b) and (c), they write the rule for each one using this stem – *the number of red beads = the number of white beads* __ - and use the rule to calculate the missing number from each table