


CHALLENGE

Rob has 6 different coloured balls. They are orange, green and blue.
How many of each coloured ball could he have?



Handwritten solutions on grid paper:

- A tree diagram starting with 6, branching into 2, 2, and 2.
- A tree diagram starting with 6, branching into 3, 1, and 2. A pink dot is next to the 1.
- A tree diagram starting with 6, branching into 1, 0, and 2. A pink dot is next to the 1.
- A tree diagram starting with 6, branching into 1, 1, 1, 1, 1, and 1. A pink dot is next to the second 1.

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