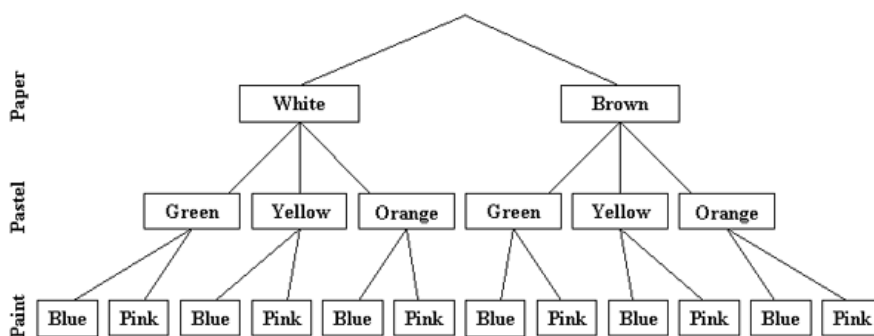# Coloured paper

This task is about interpreting a tree diagram.

Tania is making a pastel and paint picture for a competition. She has to choose one paper colour, one pastel colour, and one paint colour. Here are the colours Tania can choose from:

- white or brown paper
- green, yellow, or orange pastel
- blue or pink paint

All Tania's possible choices are shown in the tree diagram above.

Use the tree diagram to answer the following questions about the different combinations of coloured materials Tania could use to make her picture.

a) How many of the different combinations have

 i) white paper? _____

 ii) yellow pastel? _____

 iii) blue paint? _____

 iv) green pastel and pink paint? _____

 v) brown paper and blue paint? _____

b) In total, how many different combinations of paper, pastels, and paint could Tania use to make her picture?

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