Zara's Bright Diwali Patterns

1. Coloured powders, sand, or flower petals. (2 marks)

Working: The text states: 'Rangoli is a traditional art form where patterns are made using coloured powders, sand, or flower petals.'

Award 1 mark for each correct material listed, up to 2 marks.

2. People create them to welcome guests and bring good luck. (2 marks)

Look for: The student must identify both the 'welcome' and 'good luck' aspects mentioned in the text.

Good: They do it to welcome people.

Better: They make them to welcome guests to their home.

Best: People make them to welcome their guests and to bring good luck to the home.

What moves an answer up: Moving up levels requires including both reasons stated in the text rather than just one.

3. The student should draw a mirror image of the hexagon half to complete the full shape. (4 marks)

Working: The drawing must show a vertical or horizontal line of symmetry where the left side matches the right side.

1 mark for correct shape, 1 mark for symmetry, 2 marks for neatness and accuracy.

4. I would use bright colours like yellow and orange because they remind me of the sun. (4 marks)

Look for: A clear description of colour choice and a logical reason for that choice.

Good: I would use bright red and yellow.

Better: I would use bright colours like yellow and orange because they look happy.

Best: I would use bright yellow and orange because they are warm colours that make the pattern stand out.

What moves an answer up: Moving up levels requires a more specific explanation of why the colours are considered 'bright' or effective.

5. The student must draw a pattern with 3 shapes (e.g., triangles, squares, circles) and a line of symmetry, plus a sentence explaining their colour choice. (8 marks)

Working: Check for: 1. Three shapes used. 2. Symmetry present. 3. Explanatory sentence included.

2 marks for 3 shapes, 2 marks for symmetry, 2 marks for colour explanation, 2 marks for overall effort.

6. £4 change. (5 marks)

Working: 3 bags x £2 = £6. £10 - £6 = £4.

1 mark for the calculation of the cost, 1 mark for the subtraction, 1 mark for the final answer with units.

What a secure answer looks like

A secure answer demonstrates an understanding of symmetry as a mirror image and correctly identifies the cultural purpose of Rangoli as described in the text.

If your child is stuck

Ask the child to imagine they are looking at their pattern in a mirror; if the mirror shows the exact same thing, it is symmetrical. For the money question, draw 10 circles to represent the £10 and cross out 6 of them.

Common mistakes to watch for

Children often forget to include both 'welcome' and 'good luck' for question 2, or they may draw a pattern that is not perfectly symmetrical for question 3.