| | Roman Mosaic | Points | Section points |
|---|---|---|---|
| | The design is drawn inside a large circle. | 1 | |
| | The design has 8 lines of symmetry | 1 | |
| | and rotational symmetry of order 8. | 1 | |
| | In the centre is an 8 pointed star. | 1 | |
| | Each section of the star is a rhombus. | 1 | |
| | Each rhombus has two angles 360 /8 = 45° and 135° | 2 | |
| | Between the points of the star are squares. | 1 | |
| | Between the squares are isosceles figures which are almost triangles with an angle of 180 – 2 x 90 – 45 = 135° | 2 | |
| | Accept alternative geometrical shapes/statements. | | |
| | | | Max 10 |
| | Total | | 10 |