
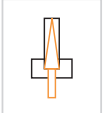



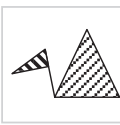


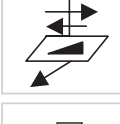

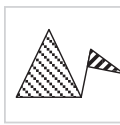


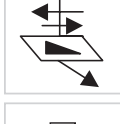




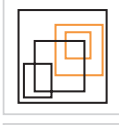
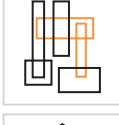

Paper 3

- 1 b number of line crosses same as number of sides on the shape
- 2 e reflection in the vertical mirror line
- 3 b rotating 90° clockwise
- 4 d reflection in the vertical mirror line
- 5 b shape made smaller and doubled, and stripes reflected in the vertical mirror line
- 6 c inner shape becomes outer shape, outer shape becomes inner shape
- 7 a rotate 90° anticlockwise
- 8 a rotate 90° anticlockwise
- 9 c shape becomes smaller and paler, outer line becomes thinner
- 10 a rotate 90° anticlockwise
- 11 a first letter – thickness of line
second letter – number of sides
- 12 e first letter – style of diagonal line
second letter – thickness of horizontal line
- 13 b first letter – number of arrows pointing in and out
second letter – colour of rhombus
- 14 c first letter – number of lines crossing the arrow
second letter – direction of arrow
- 15 d first letter – position of coloured half
second letter – colour of shaded half

Paper 3 – continued

- 16 b 
 - 17 b 
 - 18 a 
 - 19 e 
 - 20 c 
 - 21 c
 - 22 e
 - 23 b
 - 24 d
 - 25 c
- If in doubt about the nets of cubes, copy them onto a piece of paper and fold them.
- 26 e rotating 45° anticlockwise
 - 27 d rotating 90° clockwise
 - 28 a rotating 45° anticlockwise
 - 29 d repeating pattern
 - 30 e repeating pattern
- | | |
|--|---|
| <ul style="list-style-type: none"> 31 e  32 c  33 e  34 c  35 a  | <ul style="list-style-type: none">      |
|--|---|

Paper 3 – continued

- 36 c Each is a rotation of the same picture.
- 37 c Each picture has a line of symmetry.
- 38 a Each is a rotation of the same picture.
- 39 c Each is a rotation of the same picture.
- 40 b Each is a rotation of the same picture.
- 41 a The others are all rotations of the same picture.
- 42 e The others are all rotations of the same picture.
- 43 a The others are all rotations of the same picture.
- 44 c The others are all rotations of the same picture.
- 45 b The others are all rotations of the same picture.
- 46 d 
- 47 c 
- 48 e 
- 49 c 
- 50 e 