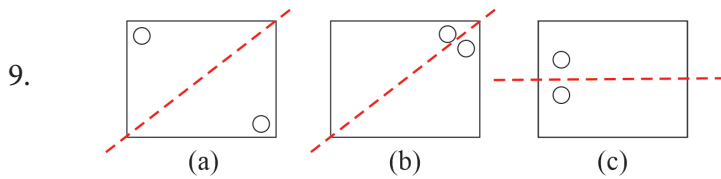
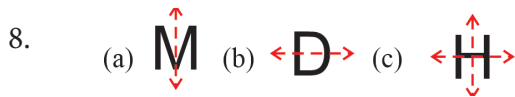
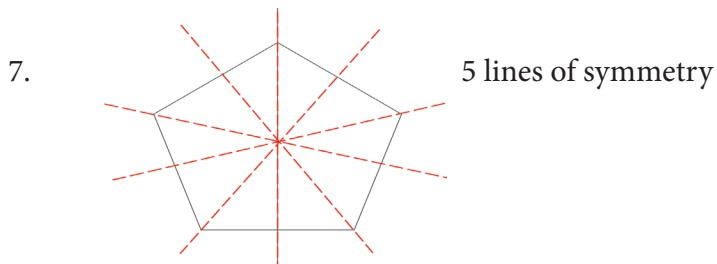
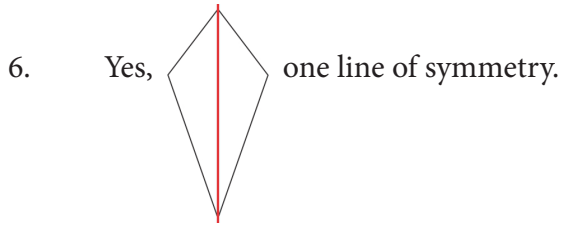
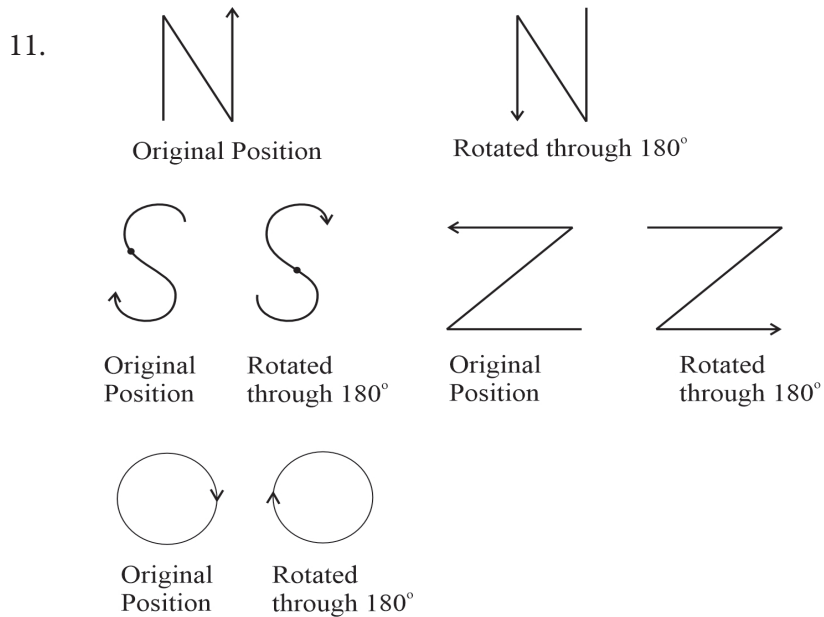


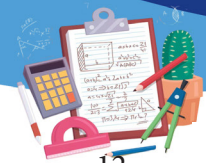
# Symmetry Answer Key

1. (c) 2. (d) 3. (d) 4. (a) 5. (b)



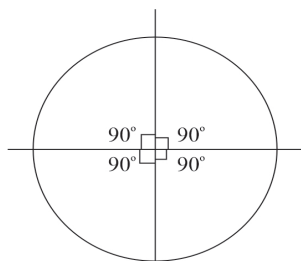
10.  $120^\circ$ ,  $240^\circ$ ,  $360^\circ$





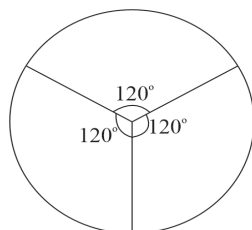
12.

(a)



It has 4 angles of symmetry:  $90^\circ$ ,  $180^\circ$ ,  $270^\circ$ ,  $360^\circ$

(b)



It has 3 angles of symmetry:  $120^\circ$ ,  $240^\circ$ ,  $360^\circ$

13. Angles of symmetry are:-  $120^\circ$ ,  $180^\circ$ ,  $240^\circ$ ,  $300^\circ$ ,  $360^\circ$

14.  $20^\circ$

15. (a)  $20^\circ$  (b) 18 (c) 18

### Case Study Based Questions

1. (i) d (ii) d (iii) a (iv) c

2. (i) c (ii) a (iii) b (iv) d

### Assertion & Reason

1. B 2. D 3. A