Exercise 18A

Q1

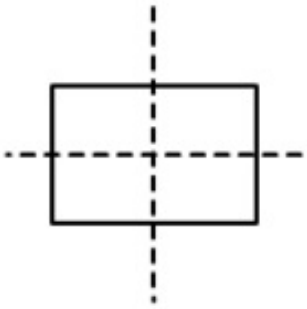
Answer :

(a) no line of symmetry

Q2

Answer :

(c) a line joining the midpoints of its opposite sides

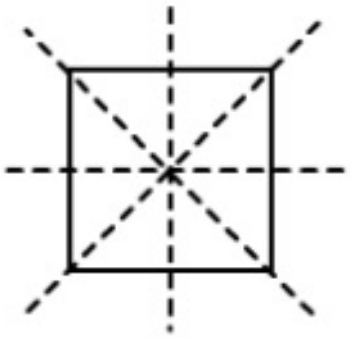


Q3

Answer :

(d) four lines of symmetry

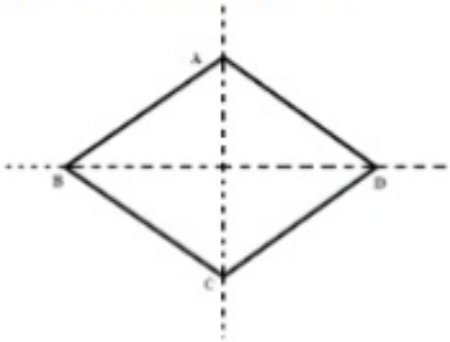
A square is symmetrical about both of its diagonals and both lines joining the midpoints of its opposite sides.



Q4

Answer :

(b) each of its diagonal



Q5

Answer :

(d) an unlimited number of lines of symmetry

A circle is symmetrical about all its diameters and a circle has unlimited number of diameters.
Therefore, a circle has unlimited number of lines of symmetry.

Q6

Answer :

(a) AD

This triangle is symmetrical only about AD.
Any isosceles triangle is symmetrical about its one altitude, which is drawn from the vertex between the two equal sides to the unequal side of the triangle.

********** END **********