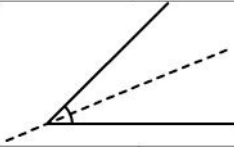
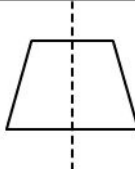
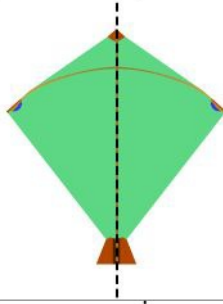

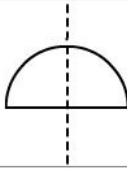
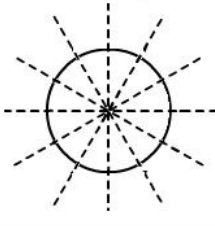
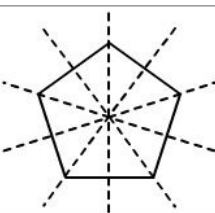
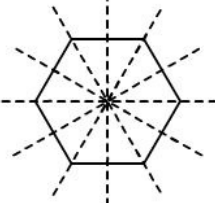




Symmetry Ex 17.3 Q1

Answer :

Shapes	Rough Figure	Number of lines of symmetry
(i) Scalene triangle		0
(ii) Isosceles triangle		1
(iii) Equilateral triangle		3
(iv) Rectangle		2
(v) Square		4
(vi) Parallelogram		0
(vii) Rhombus		2
(viii) Line		Infinitely many
(ix) Line segment		1

(x) Angle		1
(xi) Isosceles trapezium		1
(xii) Kite		1
(xiii) Arrow-head		1
(xiv) Semi-circle		1
(xv) Circle		Infinitely many
(xvi) Regular pentagon		5
(xvii) Regular hexagon		6

Symmetry Ex 17.3 Q2

Answer :

(i)

A, H, I, M, O, T,
U, V, W, X, Y

A, H, I, M, O, T,
U, V, W, X, Y

(ii)

B	— B —	I	— I —
C	— C —	K	— K —
D	— D —	O	— O —
E	— E —	X	— X —
H	— H —		

(iii)

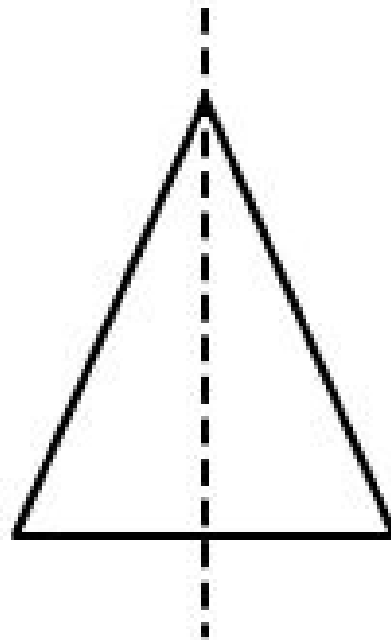
H	— H —
I	— I —
O	— O —
X	— X —

(iv)

F, G, J, L, N, P, Q, R, S, Z

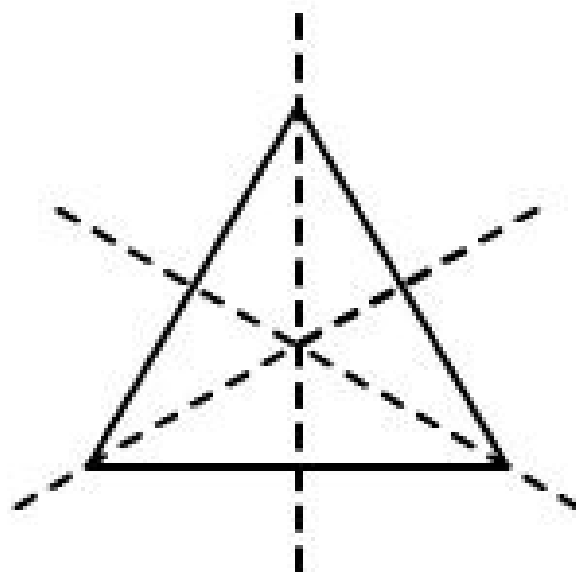
Answer :

(i) Yes; isosceles triangle

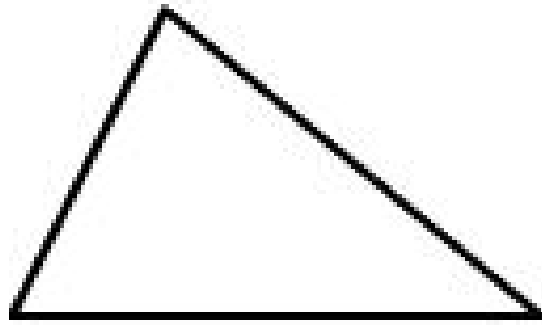


(ii) No

(iii) Yes; equilateral triangle



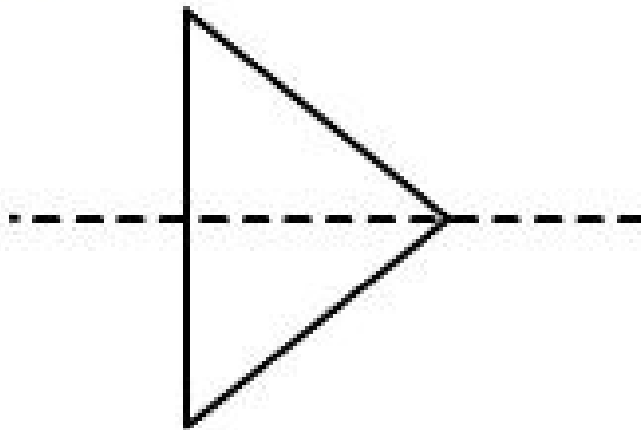
(iv) Yes; scalene triangle



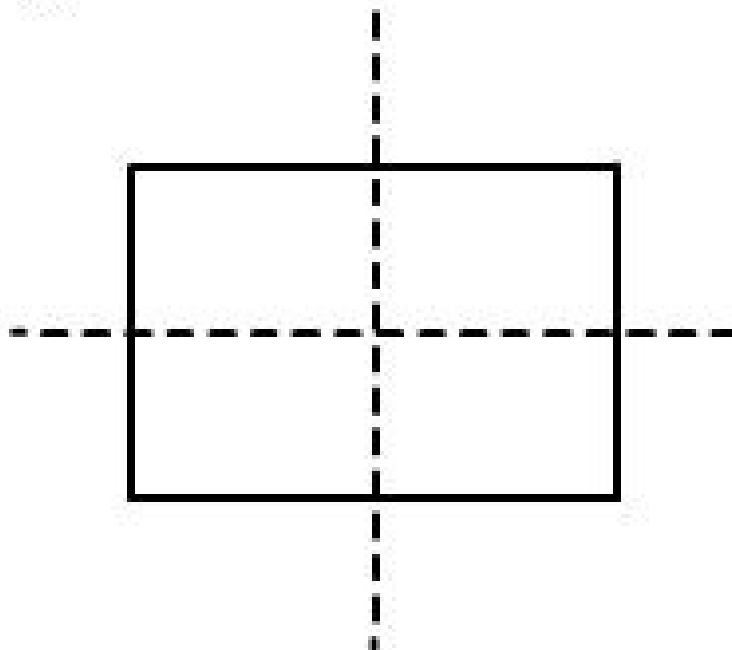
Symmetry Ex 17.3 Q4

Answer :

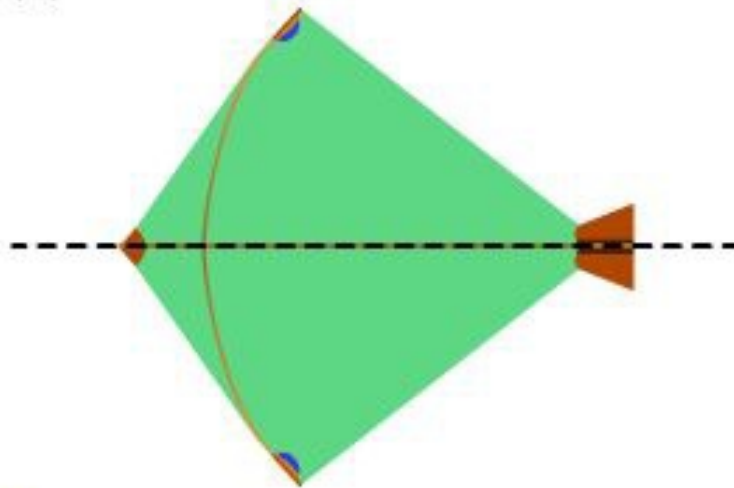
(i)



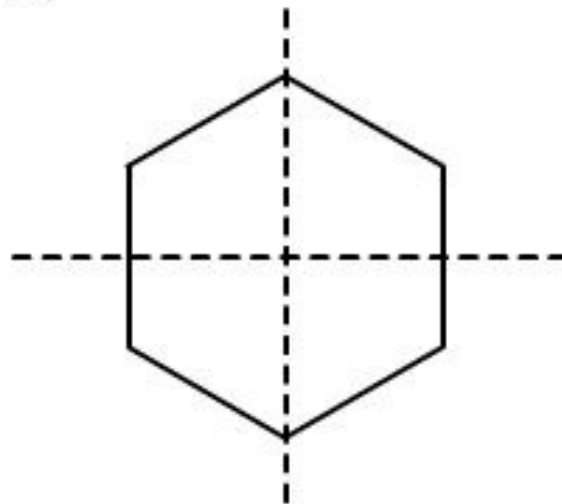
(ii)



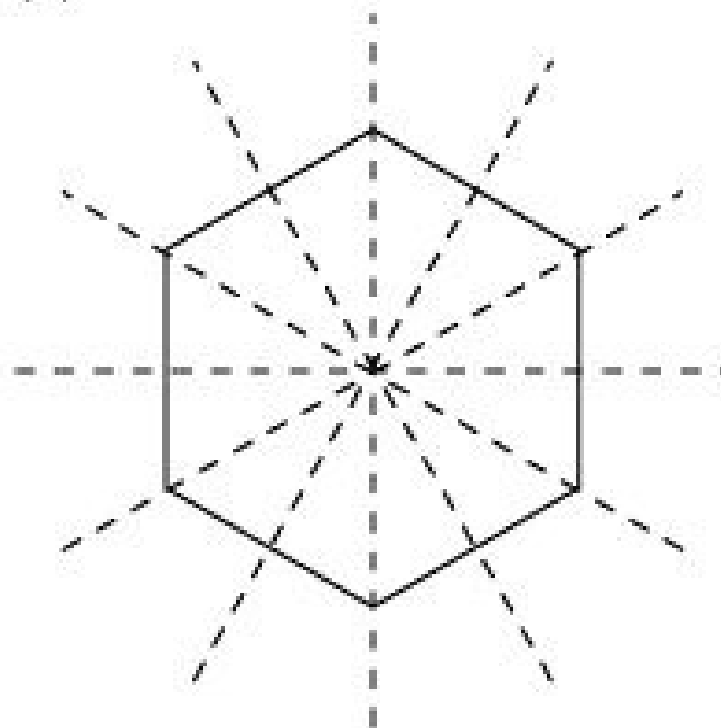
(iii)



(iv)



(v)



***** END *****

