ST. ANDREWS SCOTS SCHOOL

Adjacent Navniti Apartments,
I.P. Extension, Patparganj, Delhi-110092

Session - 2025-2026

Class: V **Subject: Mathematics** **Topic: Unit -16 (Symmetry and Patterns)**

Ex-1 Q.1, Q.2, Q.3(Book)

Ex-2 (Book)

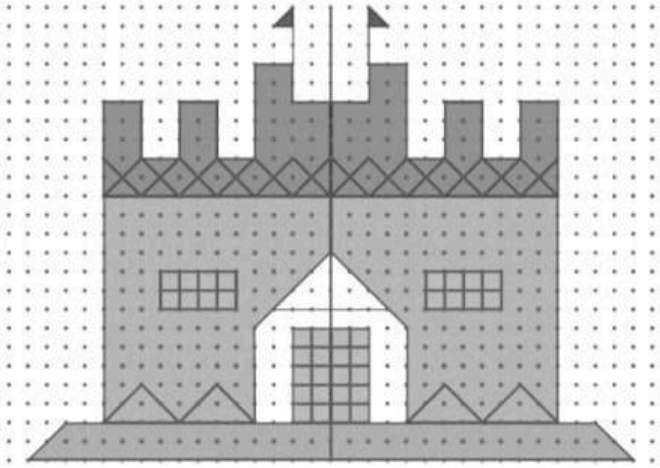
Ex-3(Book)

Ex-4 Q.1(a) (Book)

Q.2, Q.3(Notebook)

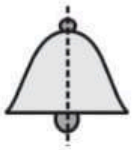
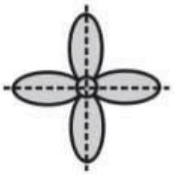
Lesson-16 : Symmetry and Patterns

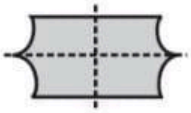
Warm Up



Exercise-1

1.    

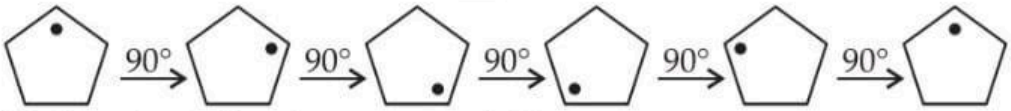
2. (a)  (b)  (c) 

(d)  (e)  (f) 

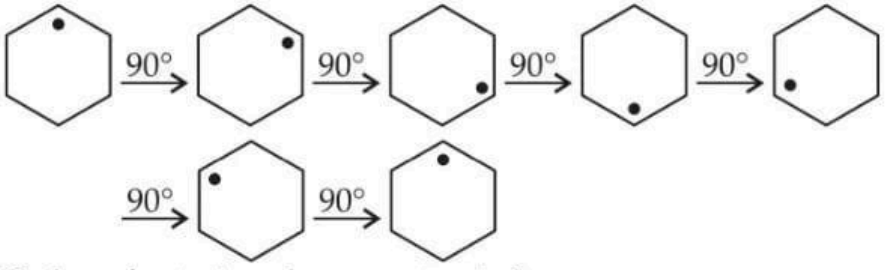
3. (a) Three (b) One (c) None

Exercise-2

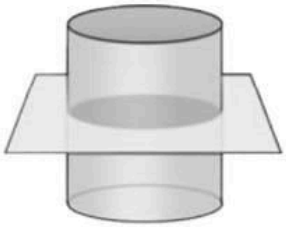
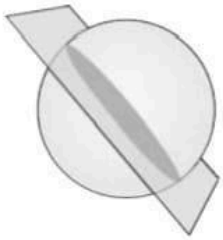
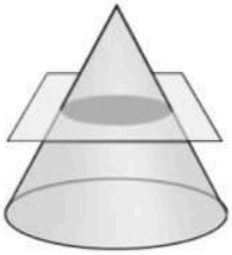
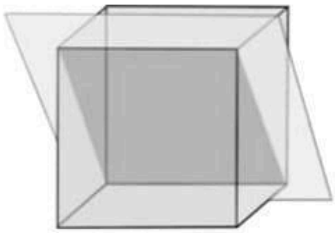
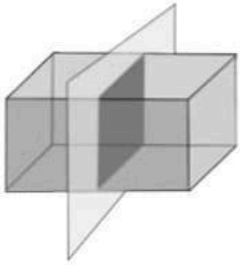
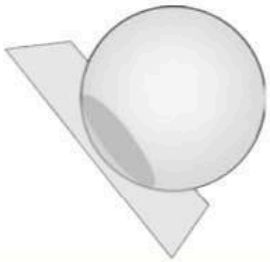
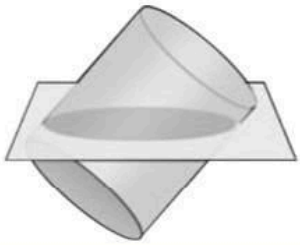
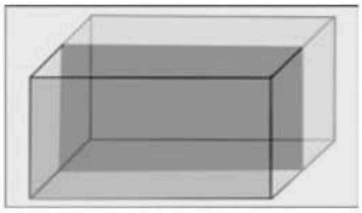
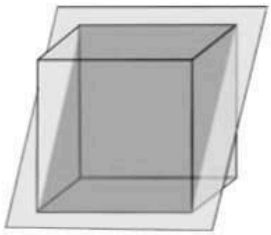
1. (a)  (b) 

2. (a) 

Order of rotational symmetry is 5.

(b) 

Order of rotational symmetry is 6.

1		S	2		S
3		S	4		A
5		S	6		S
7		A	8		A
9		S	10		S

Puzzle

	10	
60	50	20
	30	
	40	

Exercise-4

1. (a)

47	52	51
54	50	46
49	48	53

(b)

21	10	16	7
8	15	13	18
11	20	6	17
14	9	19	12

2.

1	1 (first triangular number)
1 + 2	3 (second triangular number)
1 + 2 + 3	6 (third triangular number)
1 + 2 + 3 + 4	10 (fourth triangular number)
1 + 2 + 3 + 4 + 5	15 (fifth triangular number)

3. (a) $1+2+3+4+5=\frac{5\times6}{2}$ **(b)** $1+2+3+4+5+6=\frac{6\times7}{2}$