

PREVIOUS YEAR QUESTIONS
(Chapterwise)

CHAPTER NAME: REFLECTION

<u>SUMMARY POINTS</u>	

--	--

Q.NO.: 1	Use a graph paper for this question taking 2 cm = 1 unit along both axes. (a) Plot A(1, 3), B(1, 2) and C(3, 0). (b) Reflect A and B on the x-axis and name their images as E and D respectively. Write down their coordinates. (c) Reflect A and B through the origin and name their images as F and G respectively. (d) Reflect A, B and C on the y-axis and name their images as J, I and H respectively. (e) Join all the points A, B, C, D, E, F, G, H, I and J in order and name the closed figure so formed.	YEAR [2025]
ANS.:		
TOPIC:	Page No.:	Ref. Link

Q.NO.: 1	Use graph sheet for this question. Take 2 cm = 1 unit along the a (a) Plot A(0, 3), B(2, 1) and C(4, -1). (b) Reflect point B and C in y-axis and name their images as B' and C' respectively. Plot and write coordinates of the points B' and C'. (c) Reflect point A in the line BB' and name its images as A'. (d) Plot and write coordinates of point A'. (e) Join the points ABA'B' and give the geometrical name of the closed figure so formed.	YEAR [2024]
ANS.:		
TOPIC:	Page No.:	Ref. Link

Q.NO.: 2	Use graph sheet to answer this question. Take 2 cm = 1 unit along both the axes. (a) Plot A, B, C where A(0, 4), B(1, 1) and C(4, 0) . (b) Reflect A and B on the x-axis and name them as E and D respectively. (c) Reflect B through the origin and name if F. Write down the coordinates of F. (d) Reflect B and C on the y-axis and name them as H and G respectively. (e) Join points A, B, C, D, E, F, G, H and A in order and name the closed figure formed.	YEAR [2023]
ANS.:		
TOPIC:	Page No.:	Ref. Link

Q.NO.: 3	Use a graph paper for this question. Take 2 cm - 1 unit along both the axes. (a) Plot the points A (0, 4), B (2, 2), C(5, 2) and D (4, 0), E(0, 0) is the origin. (b) Reflect B, C, D on the Y-axis and name them as B', C' and D' respectively. (c) Join the points ABCDD'C'B' and A in order and give a geometrical name to the closed figure.	YEAR [2022]
----------	--	------------------------------

ANS.:		
TOPIC:	Page No.:	Ref. Link

Q.NO.: 4	Use graph paper for this question. Take 1 cm = 1 unit on both x and y axes. (i) Plot the following points on your graph sheets. A (–4, 0), B (–3, 2), C (0, 4), D (4, 1) and E (7, 3) (ii) Reflect the points B, C, D and E on the x-axis and name them as B', C', D' and E' respectively. (iii) Join the points A, B, C, D, E, E', D', C', B' and A in order. (iv) Name the closed figure formed.	YEAR [2020]
ANS.:		
TOPIC:	Page No.:	Ref. Link

Q.NO.: 5	Use a graph sheet for this question. Take 1 cm = 1 unit along both x and y axis. (i) Plot the following points: A(0, 5), B(3, 0), C(1, 0) and D(1, –5) (ii) Reflect the points B, C and D on the y axis and name them as B', C' and D' respectively. (iii) Write down the coordinates of B', C' and D'. (iv) Join the points A, B, C, D, D', C', B', A in order and give a name to the closed figure ABCDD'CB'A.	YEAR [2019]
ANS.:		
TOPIC:	Page No.:	Ref. Link

Q.NO.: 6	Use graph paper for this question (Take 2 cm = 1 unit along both x and y axis). ABCD is a quadrilateral whose vertices are A(2, 2), B(2, – 2), C (0 – 1) and D(0, 1) (i) Reflect quadrilateral ABCD on the y-axis and name it as A'B'CD. (ii) Write down the coordinates of A' and B'. (iii) Name two points which are invariant under the above reflection. (iv) Name the polygon A'B'CD.	YEAR [2018]
ANS.:		
TOPIC:	Page No.:	Ref. Link

Q.NO.:		YEAR
ANS.:		
TOPIC:	Page No.:	Ref. Link

Q.NO.:		YEAR
ANS.:		
TOPIC:	Page No.:	Ref. Link

Q.NO.:		YEAR
ANS.:		
TOPIC:	Page No.:	Ref. Link

Q.NO.:		YEAR
ANS.:		
TOPIC:	Page No.:	Ref. Link

Q.NO.:		YEAR
ANS.:		
TOPIC:	Page No.:	Ref. Link

Q.NO.:		YEAR
--------	--	------

ANS.:		
TOPIC:	Page No.:	Ref. Link

Q.NO.:		YEAR
ANS.:		
TOPIC:	Page No.:	Ref. Link

Q.NO.:		YEAR
ANS.:		
TOPIC:	Page No.:	Ref. Link

Q.NO.:		YEAR
ANS.:		
TOPIC:	Page No.:	Ref. Link

Q.NO.:		YEAR
ANS.:		
TOPIC:	Page No.:	Ref. Link

Q.NO.:		YEAR
ANS.:		

TOPIC:	Page No.:	Ref. Link
--------	-----------	---------------------------

Q.NO.:		YEAR
ANS.:		
TOPIC:	Page No.:	Ref. Link

Q.NO.:		YEAR
ANS.:		
TOPIC:	Page No.:	Ref. Link

Q.NO.:		YEAR
ANS.:		
TOPIC:	Page No.:	Ref. Link

Q.NO.:		YEAR
ANS.:		
TOPIC:	Page No.:	Ref. Link

Q.NO.:		YEAR
ANS.:		
TOPIC:	Page No.:	Ref. Link

Q.NO.:		YEAR
ANS.:		
TOPIC:	Page No.:	Ref. Link

Q.NO.:		YEAR
ANS.:		
TOPIC:	Page No.:	Ref. Link

Q.NO.:		YEAR
ANS.:		
TOPIC:	Page No.:	Ref. Link

Q.NO.:		YEAR
ANS.:		
TOPIC:	Page No.:	Ref. Link

