

Riviera International Academy

Assignment-2077

(Shrawan 22, 2077, Thursday)

Class: Eight

Subject- Opt. Mathematics

1. The vertices of parallelogram ABCD are $A(0, -2)$, $B(2, 1)$, $C(-1, 2)$ and $D(-3, -1)$. Find the coordinates of the vertices of the image of the parallelogram ABCD after rotation through half turn. Also show parallelogram ABCD and its image on the same graph paper.
2. The images of A, B and C after reflection through $y = x$ line are $A'(6, 3)$, $B'(-7, 2)$ and $C'(6, -7)$.
 - i) Find the coordinates of A, B and C.
 - ii) Find the images of A, B and C after rotation through negative quarter turn about the centre at origin.
3. The images of A, B and C after rotation through positive quarter turn about the centre at origin are $A'(4, 2)$, $B'(-7, 6)$ and $C'(-3, -4)$.
 - i) Find the coordinates of A, B and C.
 - ii) Find the images of A, B and C after reflection through y-axis.

Subject- Mathematics

Source: Photo of exercise are already given.

Work: Complete 6.2

Do your work neatly

Subject-Extra Reading

Assignment will be given in Google classroom

Subject- Science

1. Write any five advantages of modern periodic table.
2. Write the differences between modern and Mendeleev periodic table in three points.
3. What is period of periodic table? Write the differences between group and period in two points.
4. Which group of modern periodic table is called alkali metal and why? Why inert gases are kept separately in Modern periodic table.

The End.