

Riviera International Academy

Assignment-2077

(Ashad 07, 2077, Sunday)

Class: Nine

Subject – Opt. Mathematics

If $E \left[(3, 0), \frac{1}{2} \right]$ is the enlargement with centre $(3, 0)$ and scale factor $\frac{1}{2}$, find the image of following points under this enlargement.

(i) A $(3, 0)$ (ii) B $(3, 6)$ (iii) C $(-5, -8)$

If $[(-3, 2), -2]$ indicates the enlargement with centre at the point $(-3, 2)$ and scale factor -2 . Find the image of the following point under this enlargement.

(i) A $(2, 5)$ (ii) B $(-2, 3)$ (iii) $(-2, -3)$

Subject-Mathematics

Source: Photo of exercise is already given.

Homework: Read and write all the definitions.

Subject- Social Studies

1. Make a list of eight natural means and resources.
2. Write the formula to calculate per capita income. Also find out the per capita income of USA, Japan, China and India.
3. Write four differences between developing and developed country.

Subject- Science

1. What is orbital? Write the name of orbitals of K, L & M-shell.
2. What is electronic configuration? Why electronic configuration of element is important?
3. State Aufbau principle. Write the hierarchy of different orbital in-terms of ascending order of energy level.
4. Write the electronic configuration of Nitrogen and Oxygen in-terms of sub-shell.

The End.