

Riviera International Academy

Assignment-2077

(Shrawan 32, 2077, Sunday)

Class: Eight

Subject- Opt. Mathematics

4. A(2, 1), B(4, 1) and C(3, 5) are the vertices of ΔABC . Graph them in separate grid paper and find their images after.

(a) $E [O, 2]$ (b) $E \left[O, \frac{1}{2} \right]$ (c) $E \left[O, 1\frac{1}{2} \right]$

(d) $E [O, -2]$ (e) $E \left[O, -\frac{1}{2} \right]$ (f) $E \left[O, -1\frac{1}{2} \right]$

5. P(1, 1), Q(3, 1), R(3, 3) and S(1, 3) are the vertices of a square. Find its image after the following enlargement.

(a) $E [O, 3]$ (b) $E \left[O, \frac{1}{2} \right]$ (c) $E \left[O, \frac{3}{2} \right]$

(d) $E [O, -2]$ (e) $E \left[O, -1\frac{1}{2} \right]$ (f) $E [O, -1]$

Subject- Social Studies

Prepare 10 social rules than you want to implement in your society to make it good place.

Subject-English

1. Read the passage given below and answer the questions that follow:

When we enter New York harbour, the first thing we see is the Statue of Liberty. What impresses us the most is its size and magnificence? Have you ever wondered how it came to be there? The Statue of Liberty was a gift from the people of France to mark the one hundred year anniversary of American Independence. In 1869, sculptor Frederic Auguste Bartholdi began to plan his concept for the monument.

Bartholdi chose the look of classic Greek and Roman figures. He envisioned Liberty as a strong and proud figure, one who personified not only the majestic Greek goddesses of the past, but also the working men and women of the present. Finally, in 1884, the work was finished, and Liberty was packed into 214 crates and sent to New York city. Only one problem stood in the way. While the French had raised a lot of funds to build the statue, New York had not secured the funds to build its foundation. It was not until a New York newspaper implored people for donations that money became available. Finally, on 28th October 1886, Americans celebrated the unveiling of the Statue of Liberty.

Questions:

- a. Why was the Statue of Liberty given as a gift to America by France?
- b. What is the name of the sculptor of the monument 'the Statue of Liberty'?
- c. What did the sculptor imagine the Statue of Liberty to be?
- d. How many years did it take to unveil the Statue of liberty?
- e. Trace the word from the passage which means the same as "imagined".

Subject- Science

1. What is alkali earth metal and why? In which group of modern periodic table they belong?
2. What is word equation? The molecular formula of water is H_2O . What does it express?
3. Why modern periodic table is better than Mendeleev periodic table? Give two reasons.
4. Elements of the same group have same chemical properties, why?

The End.