

Riviera International Academy

Assignment-2077

(Shrawan 06, 2077, Tuesday)

Class: Eight

Subject- Mathematics

Source: photo of exercise are already given.

Work: Complete exercise 1.3

Do your work neatly

Subject- HPE

Make a list of the organs of male reproductive system.

विषय - नेपाली

तलका उपसर्ग र प्रत्यय लगाई शब्द बनाउनुहोस्। उपसर्ग -प्र,परा,अप,सम्,अनु,अव,निस्,निर्,दुस्,दुर्,वि,आ,सु,उत्,प्रति,परि,उप,अति,अधि,अभि,गैर,सह,कु,बद,बे,बि,अन,अ,स प्रत्यय -अक,अत,अन,अक्कड़,अनीय,अन्ते,आलु,आवट,आइ,आलो,इलो,इक,इयार,इत,इण,ईन,ईय,उवा,एलु,एटो,त्व,तव्य,ता,ति,ती,तम,ले,ली,एर,एको,वान् -- आदि

Subject- Opt. Mathematics

Find the images of the following points after reflection in the line $y = -x$.

- a) $A(7, 2)$ b) $B(-8, 2)$ c) $C(-5, -3)$ d) $D(8, -3)$
e) $E(-5, 5)$ f) $F(6, -6)$ g) $G(0, -5)$ h) $H(5, 0)$

Find the axis of reflection when

- i) $A(3, 2) \rightarrow A'(3, -2)$ ii) $B(7, 6) \rightarrow B'(-7, 6)$
iii) $C(-8, 2) \rightarrow C'(2, -8)$ iv) $D(-5, -8) \rightarrow D'(8, 5)$
v) $E(-8, 5) \rightarrow E'(-8, -5)$

The image of point A under reflection in x-axis is $A'(4, -1)$. Write down the coordinates of the point A.

A point B is reflected in $y = x$ line. If the coordinates of its image is $B'(5, 3)$.

- i) Find the coordinates of B.
ii) Find the coordinates of the image of B under reflection in y-axis.

The vertices of the quadrilateral ABCD are $A(1, 3)$, $B(4, 6)$, $C(7, 6)$ and $D(5, 4)$. Find the images of the quadrilateral ABCD after reflection through the line $y = -x$.

The End.