

APEEJAY SVRAN GLOBAL SCHOOL

TERM-I END EXAMINATION

CLASS-6

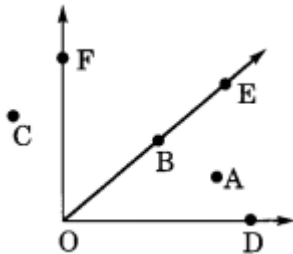
MATHEMATICS

SECTION-A

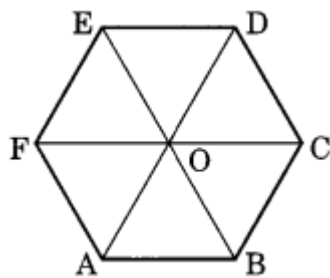
(2 x 4 =

8)

1. Find the product of 1005×168 using suitable properties.
2. In the given diagram, name the point(s):



- (a) In the interior of $\angle DOE$
 - (b) In the exterior of $\angle EOF$
 - (c) On $\angle EOF$
3. Look at the given figure and answer the following:



- (a) Name the sides of the polygon ABCDEF.
 - (b) Name any two pairs of adjacent sides. .
 - (c) Name all the segments which intersect each other at one point.
 - (d) Name all the diagonals of the given polygon.
4. Use number line and add the following integers: $(-1) + (2) + (-3)$

SECTION-B

(3 x 3= 9)

5. A) Simplify: $(- 8) - (+ 5) + (- 3) - (- 2)$
B) Ram thinks of an integer. He subtracts 54 from it and gets the result as $- 6$. What was the integer he thought of?
6. A) Using protractor draw an angle of 105° (1.5+1.5)
B) Name the types of following triangles:
(i) Triangle with lengths of sides 7 cm, 8 cm and 9 cm.
(ii) $\triangle DEF$ with $m\angle D = 90^\circ$
(iii) $\triangle LMN$ with $m\angle L = 30^\circ$ $m\angle M = 70^\circ$ and $m\angle N = 80^\circ$
7. Write 45782564 according to Indian System of Numeration and 82024795 according to International System of Numeration

SECTION-C

(4 x 2= 8)

8. A) Naina was given $2\frac{3}{4}$ piece of cake and Najma was given $3\frac{1}{5}$ piece of cake. Find the total amount of cake was given to both of them.
B) Arrange in ascending order: $\frac{2}{3}, \frac{3}{4}, \frac{1}{2}$
9. Find the smallest 4-digit number which is divisible by 18, 24 and 32.