

Chapter: 1 to 5

Q.1 Choose the correct alternative.

(2)

1) Cube of cube root of 8.

a. 8^3

b. $8^{\frac{3}{3}}$

c. 8^1

d. Both b and c.

2)

If $a < b$ then $-a > -b$

a. True

b. False

Q.2 Answer the following questions (Any two)

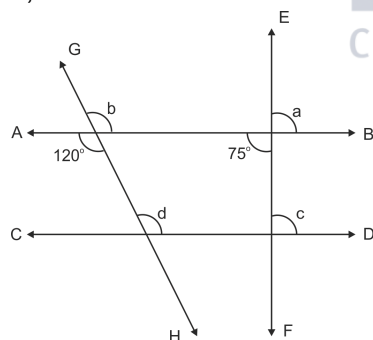
(4)

1) Expand : $(9 + x)^3$

2) Represent $\frac{3}{4}$ on the number line.

3)

In the given figure line $AB \parallel CD$ and EF and GH are two transversals. Find the value of a , b , c , d .



Q.3 Attempt the following questions. (Any two)

(6)

1)

Draw an obtuse angled. $\triangle STV$. Draw its Medians and show the centroid.

2) Expand
 $(101)^3$

3) Show the following numbers on a number line. Draw, a separate number line for each example.

$\frac{7}{5}$, $\frac{-2}{5}$, $\frac{-4}{5}$

Q.4 Solve the following questions. (Any two)

(8)

1) Simplify

$$(3k - 4r - 2m)^2 - (3k + 4r - 2m)^2$$

2)

Show the number $\sqrt{5}$ on the number line

3) In the given figure line $r \parallel$ line s and line $t \parallel$ line u . Find the measure of $\angle a$, $\angle b$ and $\angle c$ from the information provided.

