

CHANDER BHAN MEMORIAL PUBLIC SCHOOL  
 MATHS ASSIGNMENT CLASS-VIII  
 HOLIDAY HOME WORK

solve the following questions

Ques 1 what should be subtracted from  $-\frac{5}{9}$  to get  $\frac{1}{6}$ ?

Ques 2 using distributive property, evaluate  

$$-\frac{5}{3} \times \frac{5}{7} - \frac{4}{7} \times \frac{5}{3}$$

Ques 3 A piece of wire  $\frac{15}{4}$  m long is broken into two pieces. one piece is  $2\frac{1}{2}$  m long. find the length of the other piece.

Ques 4 Represent  $-\frac{5}{6}$  on the number line.

Ques 5 find three rational numbers lying between  $\frac{1}{3}$  and  $\frac{1}{2}$ .

Ques 6 find six rational numbers between  $-\frac{2}{3}$  and  $-\frac{5}{6}$ .

Ques 7 write the additive inverse of  $\left[\frac{6+2}{5} \times \left(-\frac{3}{4}\right)\right]$

Ques 8 simplify: 
$$\frac{4^6 \times 4^8}{4^2 \times 4^4 \times 4^5}$$

Ques 9 Diameter of sun is 1,400,000,000 m. Express it in the standard form.

Ques 10 Evaluate:-

i)  $\left(\frac{2}{3}\right)^2 \times \left(\frac{2}{3}\right)^{-3}$

ii)  $(6^\circ - 5^\circ) \div (6^\circ + 5^\circ)$

iii)  $\left[\left(\frac{2}{3}\right)^5\right]^{-2} \times \left(\frac{2}{3}\right)^7$

Ques 11 find x:  $\left(\frac{-3}{4}\right)^3 \times \left(\frac{-3}{4}\right)^{+6} = \left(\frac{-3}{4}\right)^{2x+1}$

Ques 12 If  $3^{2x} : 3^{x+5} = 1 : 27$  find x.

Note: Do these questions in Homework Register