



**JYOTI PUBLIC SCHOOL**  
**Holiday Homework**  
**ASSIGNMENT-II, (2018-19)**  
**CLASS – VIII SUB-Maths**

Q1. Find the value of (a)  $\frac{-21}{25} \div \frac{14}{20}$  (b)  $\frac{-27}{28} \div \frac{-36}{56}$

Q2. The product of two rational numbers is  $\frac{4}{9}$ . If one of numbers is  $\frac{-2}{3}$ ,  
Find the other number.

Q3. Find 10 rational numbers between  $\frac{-5}{7}$  and  $\frac{-2}{3}$ .

Q4. A turtle was at a distance of  $1\frac{1}{2}$  km from the ground level. After sometime, it dived  $1\frac{1}{4}$  further. How far is the turtle from ground level?

Q5. Write a Pythagorean Triplet whose one number is :-

(a) 14 (b) 16 (c) 22

Q6. Find the square by column method:-

(a) 79 (b) 23 (c) 45

Q7. Find the square by diagonal method:-

(a) 32 (b) 73 (c) 376

Q8. Find the value of (a)  $\sqrt{110.25} + \sqrt{1.1025}$

(b)  $\sqrt{92.16} + \sqrt{0.9216}$

Q9. Prove that :-

$$(1^3 + 2^3 + 3^3 + 4^3 + 5^3) = (1 + 2 + 3 + 4 + 5)^2$$

Q10. Find the value of each of the following upto 2 decimal place :-

(a)  $\sqrt{17}$  (b)  $\sqrt{19}$  (c)  $\sqrt{375}$  (d)  $\sqrt{3}$

Q11. Find the length of a diagonal of a cube of edge 6 m .

Q12. Find the square root of:-

$$\sqrt[3]{1024 \times 256}$$