

Practice Material for Periodic Test-I

ST. THOMAS SCHOOL		WORKSHEET	CLASS VIII	MATHEMATICS
1.	Represent $-\frac{4}{7}$ and $\frac{6}{7}$ on the same number line.			
2.	Find two rational numbers between $(-1/5)$ and $(-1/4)$.			
3.	How many rational numbers lie between (-12) and (-13) ?			
4.	Write the multiplicative Identity for rational numbers.			
5.	Write the rational numbers which are their own reciprocals?			
6.	The product of two rational numbers is $\frac{-40}{3}$. One of the numbers is $\frac{(-5)}{2}$. What is the other number?			
7.	Additive inverse of (-6) is _____.			
8.	Multiplicative inverse of zero is _____.			
9.	What is the other name for 'multiplicative inverse'?			
10.	A car is travelling at a speed of $\frac{9}{15}$ km/ hr. How much time it will take to travel a distance of $\frac{45}{60}$ km?			
11.	What are the possible one's digits of square root of 676?			
12.	Find the value of 95^2 without actual multiplication.			
13.	Find a Pythagorean triplet in which one member is 17.			
14.	The students of a club are made to stand in rows such that each row has as many students as the number of rows. How many students are there in the club if in each row the number of students is equal to the smallest two digit perfect square number?			
15.	The area of a square field is 19600 m^2 . Find its perimeter.			
16.	Find the smallest perfect square number exactly divisible by 4, 5 and 6.			
17.	Write the Pythagorean triplet if $m = 3$.			
18.	Find the smallest number which should be added to 1183 to make it a perfect square.			
19.	Find the cube root of 17576 through estimation.			
20.	Find the cube root of 15625 by prime factorisation method.			
21.	How many cuboids of sides 2 cm, 3 cm and 3 cm are needed to form a cube?			
22.	By what smallest number 3456 must be multiplied so that the product is a perfect cube?			