Class VIII

Subject- Mathematics

Worksheet

Session 2013-14

Q1-The internal measures of a cuboidal room are 12m, 8m and 4m. Find the total cost of whitewashing all 4 walls of a room if the cost of whitewashing is Rs5 per m sq. What will be the cost of whitewashing if the ceiling of room is also whitewashed?

Q2-Show that $(9p-5q)^2 + 180pq = (9p+5q)^2$

Q3-Find the smallest number by which 704 must be divided to obtain a perfect cube.

Q4-Factorise the following

   (a) $12xy(9x^2-16y^2) \div 4xy(3x+4y)$
   (b) $P^2+6p-16$

Q5-6 pipes are required to fill the tank in 1hour20min. How long will it take if only 5 pipes of the same type are used?