1) Find Lcm & HCF of ~~10, 15 & 21~~
   12, 72 and 120.

2) In a school, the duration of a period in Junior section is 40 minutes and in senior section is 1 hour. If the first bell for each section ring at 9.00 a.m. when will the two bells ring together again?

3) prove that $\sqrt{7}$ is ir-rational no. ~~Also prove that 3+2√5 is is-rational number.~~

4) prove that $3+2\sqrt{5}$ is ir-rational number.

5) Find zeroes of q. equation $2x^2 - 3 + 5x$ and verify relation between zeroes & co-efficient.

6) Find quadratic polynomial whose zeroes are $2+\sqrt{3}$ and $2-\sqrt{3}$.

7) If sum of the zeroes of the polynomial $x^2 - (k+3)x + (5k-3)$ is equal to one-fourth of the product of zeroes, find the value of k.

— x —