

TUTORIAL for CLASS 1S2 — ALGEBRA

SESSION WEEK: 18 SECOND HALF YEAR WEEK: 4 Date: THURS 15/2/07

Work carried over from last week:

ALGEBRA EXS 1. (on sheet 651)

INDUCTION EXS 15 & 16 (see last week's sheet)

OTHERS some from 19-28

especially 19, 20, 22, 28, 29(i)-(v).

This week's Work:

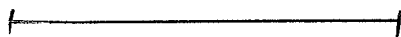
BUT DON'T WASTE MUCH TIME HERE.

ALG. EXS 2 (on sheet 651)

IMPORTANT → N^o 1-17 (ON PERMUTATIONS AND COMBINATIONS)

Bring (among other things) with you to the Tutorial the following:

This Sheet, 651, 653, 654.



HOMEWORK

(for marking) to be handed in as directed before this Tutorial:

① Prove that $(x-3y)^2 \geq 4y(x-5y) \quad \forall x, y \in \mathbb{R}.$

② Alg. Examples 2 (on sheet 651)
N^o 8 (a), (b), 10(i).

Notice:

FSM
9/2/07