

UNIT 2 *Basic Operations*

Teaching Notes

Historical Background and Introduction

For most students, this should be a fairly quick revision lesson covering the basic concepts of arithmetic of both whole numbers and decimals and their applications in many problems. Students on the *Standard Route* might need additional time for reinforcement and revision, as any misconceptions *must* be sorted out at this stage.

<i>Routes</i>	Standard	Academic	Express
2.1 Place Value	✓	(✓)	×
2.2 Addition and Subtraction	✓	(✓)	×
2.3 Multiplication and Division	✓	(✓)	×
2.4 Problems in Context	✓	(✓)	×

Language

No new language is introduced in this unit.

Misconceptions

Many of the weaker students will have a variety of misconceptions, and it is important that they are corrected at this stage. Further progress will be impeded if this is not done!

Challenging Questions

The following questions are more challenging than others in the same section:

	<i>Section</i>	<i>Question No.</i>	<i>Page</i>
<i>Practice Book Y9A</i>	2.1	5, 6	20
" "	2.2	13	24
" "	2.3	15, 16	29/30
" "	2.4	14	34