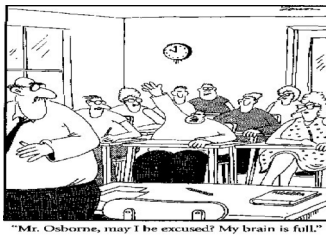
Week 05
Term 1
2013

Learning Brief

MA1 Matrices, sequences and mensuration

Goals


"Mr. Osborne, may I be excused? My brain is full."

Topic: Matrices

- understand the structure, properties and behaviour of matrices
- be competent in basic manipulations of matrices

Further Applications of matrices
Forming simultaneous equations from written informatio.
Solving XA = B by hand where A and B are 2 x 2 matrices.
Using CAS for larger matrices.

Theoretical Components

Step 1: Read:

From Jacplus website:

e-book 2: *Maths Quest 11 : Standard General Mathematics* Chapter 12

- Read examples 10 and 11

Solving Matrix Equations:
Watch - http://bit.ly/xpXJNX

http://bit.ly/rWrOE5

Practical Components

Step 2 Do:

Applications of matrix equations
JacPlus e-book 2: Exercise 12D – do questions that make sure you are confident of Matrix solving and question interpretation…

Catch up any unfinished work from
e-book : Exercise 16A – 16E
e-book 2: Exercise 12A – 12C

Investigation

Provide fully worked solutions for Questions 6 and 8 from Exercise 12D above. You need to show these to Toby to get marked for this week.

Don't forget this you will have absences if you have not shown Toby past weeks work (show me the work and they disappear!)

QFO

Quiz/Forum/Other

How is your assignment going? It is due Friday – talk to me ASAP if you do not understand what to do.
This week – a Quiz! (You should have done a forum for wks 2 and 4 and a quiz wk3)
Go to the following Link: **http://www.quiz-creator.com/qms/quiz.php?u616212q45366v-1706040310**
Remember your login is: ID@actedu.net.au (ID drops zero if this is the first number)
Password is mathsrules – this should get you into the MA1 Quiz that records your score.