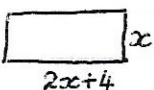


Year 11 Numeracy Exam (Mock)

TOPIC LIST

Paper 1 : No calculator

- i) Ratios
- 2) Percentages
- 3) Interpretation of Frequency Polygons
- 4) Perimeter and equations

eg 

If perimeter is 44cm set up an equation and solve it to find x .

- 5) Picture sequences

eg 

Questions and algebra to do with the picture sequence

- 6) Cumulative Frequency Diagrams

To include how to use them to find median, interquartile range and other basic answers to problems.

- 7) Standard form applied to the real world.

• To include large number and small number use
eg $42\,000\,000 = 4.2 \times 10^7$ eg $0.000007 = 7 \times 10^{-6}$

- 8) Histograms : Similar question to recent test questions.

- 9) Volume of solids : To be confident leaving π in your answer because you have no calculator on this paper.

Hint : You will have to use cones and cylinders in the question.

- 10) Surface Area of shapes : Again leaving π in your answer.

Hint : You will be using circles.