



Mathematics

Year 11 Information Evening

Inspire excellence, fulfilling potential





Parent test ...

Name: _____

5-a-day

Foundation Plus

31st October



Corbettmaths

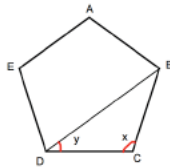
Factorise $y^2 - 64$

The diagram shows two lighthouses.
A boat is within 5 miles of lighthouse A.
The same boat is within 4 miles of lighthouse B.
Shade the possible area in which the boat could be.



Shown below is a regular pentagon ABCDE.

Work out angles x and y



Calculate the gradient of the straight line passing through $(0, 3)$ and $(4, 11)$.

Write down the equation of the line.

Have a look through these and decide which you can solve!

Website for these:

<http://corbettmaths.com/5-a-day/gcse/>



GCSE Maths

- Exam board = AQA 8300 9-1 GCSE
- Two tiers of entry: Higher 9-4 / Foundation 5-1
- The exam will consist of three 90 min papers
 - Paper 1 (calc), Paper 2 (non-calc), Paper 3 (calc)
- Six areas of maths:
 - Number
 - Ratio & proportion
 - Geometry (shape and space)
 - Algebra
 - Statistics
 - Probability



<http://www.hinchingbrookeschool.co.uk/maths/mathshome.html>



Hinchingbrooke School

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Home
Maths Home Page
5 A Day
HOLSS Project

Year 10 Practice Papers

Please select from the following options:



Maths Website



Homework



Support Pages

REVISION

easy as...

1 2 3

Year 11 Revision
Resources



Little Genius


THE PRINCE'S
TEACHING
INSTITUTE
2011
ENGLISH
GEOGRAPHY
HISTORY
MATHEMATICS

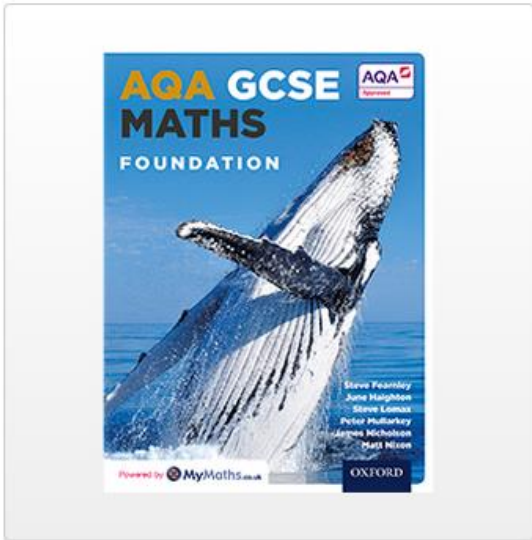
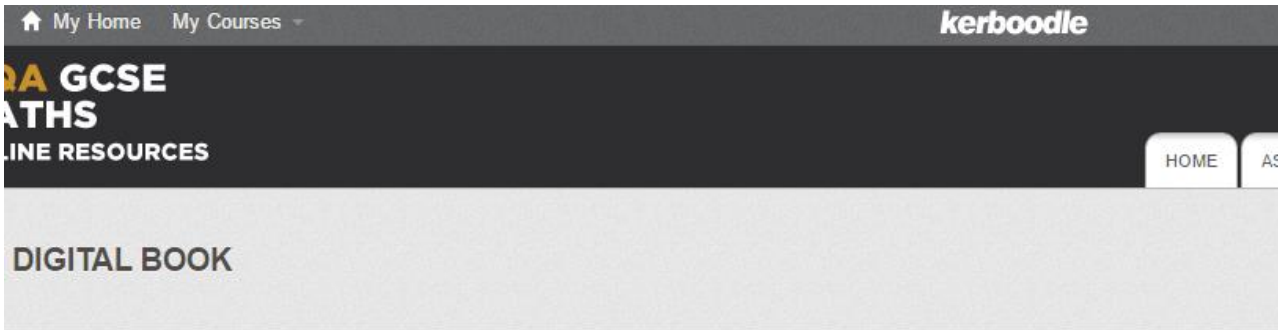
Brampton Road, Huntingdon, Cambridgeshire PE29 3BN

Tel: 01480 375700 Fax: 01480 375699

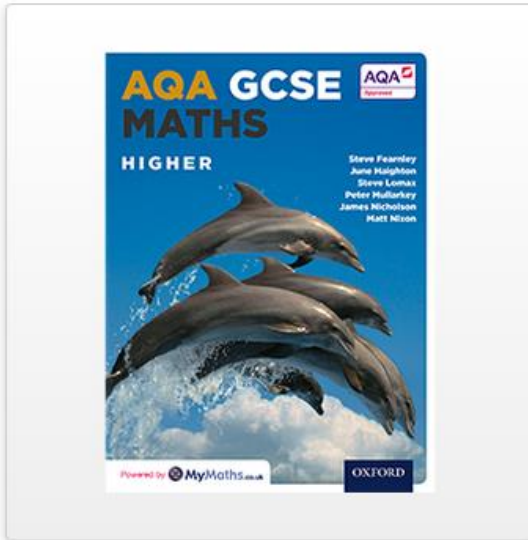
Email: webmaster@hinchbk.cambs.sch.uk Web: www.hinchingbrookeschool.net



<http://www.kerboodle.com/users/login>



AQA GCSE Maths
AQA GCSE Maths Foundation Student Book



AQA GCSE Maths
AQA GCSE Maths Higher Student Book

Username
1st initial & surname

Password
Same until changed

Institute code
GXZ1

Class
11m3 , 11n4 , etc ...



http://mathsapp.pixl.org.uk/

PiXLmaths

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Class edit

Class analysis

Logout

Design a test

Skills overview

Gap analysis

Take a challenge

Score board

Suggestion box

Number

Algebra

Ratio & Proportion

Geometry

Probability

Statistics

Problem Solving

Number operations - 0 out of 14

Operating with integers and decimals.
Knowledge of number complements.

Rounding and related calculations - 4 out of 5

Calculating related calculations and applying BIDMAS.
Rounding to a specific degree of accuracy.

Factors, multiples and primes - 0 out of 5

Identify a factor or a multiple.
Reduce a number to a product of primes and find HCF/LCM.

Fractions, decimals and percentages - part a - 6 out of 7

Simplify a fraction. Convert between fractions, decimals and percentages. Write one number as a % of another.

Fractions, decimals and percentages - part b - 1 out of 8

Order fractions. Convert between improper and mixed number fractions. Operate with fractions.

Fractions, decimals and percentages - part c - 7 out of 8

Recurring decimals into fractions. Find a fraction/% of a number. Increase/decrease by a %. Calculate a reverse %.

Indices - 9 out of 10

Recall simple powers. Apply the first 3 index laws. Evaluate positive, negative and fractional indices.

Standard form - 3 out of 7

Convert between ordinary numbers and standard form.
Operate with numbers written in standard index form.

Surds - 0 out of 7

Simplify a surd. Rationalise a denominator.
Operate with surds.

Upper and lower bounds - 0 out of 12

Identify the upper and lower bounds of integers values.
Calculate using upper and lower bounds.

Usage data

Class lists

Class analysis

Logout

Version 1.47.

Gap analysis

Take a challenge

Arithmetic

Score board

Homework tasks

Take a challenge

get grade/level from the options below and press "Begin Challenge".
Alternatively, if you have previously started a challenge and wish to resume, press "Resume".

Legacy Specification

G/F E D C B A/A*

New 9-1 Specification

1/2/3 4 5 6 7/8/9

Resume

Begin Challenge