

How to Revise for GCSE Maths

Method 2: Practising skills

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Ready to use resources for busy teachers

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Welcome to Mathsbox, the website of Mathsbox Limited, a company dedicated to the development of high quality, ready to use resources for busy teachers of mathematics

The price of 12 month subscription for a school or college is still only £60 (£50 + VAT) and subscriptions for individuals are available at a reduced rate of £36 (£30 + VAT)

All subscribers have access to an extensive collection of resources including:

- 3500+ Resources for Key Stage 2 to A Level
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- Multi-choice topic quizzes and DIFFERENTIATED Questions to print or project
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- QUICK COVER Lessons + new resources added on a weekly basis.....

Although this is a subscription website there are resources that you can try in our 'Free Samples' section. If you would like a free 1 day trial please email trial@mathsbox.org.uk to arrange this

Choose 'Skills Checks' and 'GCSE'

WELCOME TO MATHSBOX
A BIG BOX OF EXTRAS FOR BUSY TEACHERS

Just added.....

- ☆ Differentiated questions – Function Notation
- ☆ Differentiated questions – Quadratic formula
- ☆ Pythagoras in 3D (Bingo and Treasure Hunt)
- ☆ New Ski Runs
- ☆ Multiplication and division of algebraic fractions (Bingo and Treasure Hunt)
- ☆ Using SUVAT equations – substitution (Bingo – Treasure Hunt – Checkit)
- ☆ Using Kinematic Graphs (Bingo – Treasure Hunt – Checkit)

Coming soon...


- ☆ Differentiated questions – Volume and Surface Area
- ☆ Using histograms

Requests.....

If you do have a request for a particular resource, please ask

Choose the level you want

FB = Foundation Grades 1-3, FA = Foundation Grades 4-5, FAA – Foundation New Content
 HB = Higher Grades 4-5, HA = Higher Grades 6-9, HAA – Higher New Content



Topic Resources

- ARRANGED BY TOPIC
- ARRANGED BY TYPE

Problem Solving

- PROBLEMS

Skills Checks

- 20 QUESTIONS- sheets
- YRS 5 TO 9
- GCSE
- 10 QUESTIONS – to project
- YRS 5 TO 9
- GCSE
- 5 QUESTIONS- to project
- GCSE

Fluency

- NUMBERUP
- TIMES TABLES
- DECIMALS (TABLES)
- STARTERS
- DIRECTED NUMBERS

GCSE Revision

- ASSESSMENTS
- MIXED RESOURCES

A LEVEL

- SKILLS CHECKS
- RESOURCES

Quick Cover

- QUICK COVER

20 Questions GCSE

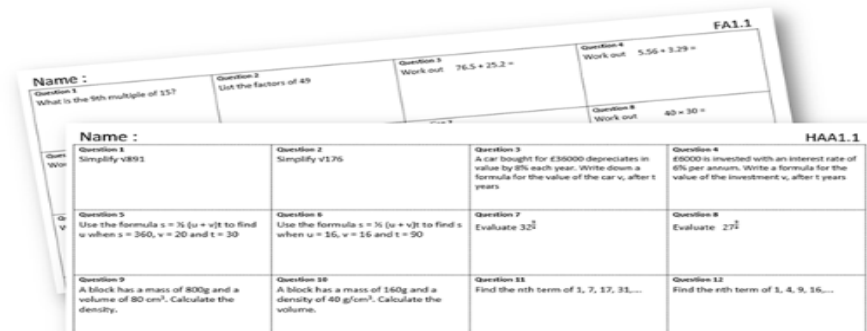
FB FA FAA HB HA HAA

20 question worksheets for GCSE students, written to be used as a weekly skills checks, with the same 10 skills checked each week. Each half term has a different set of 10 skills


In order of increasing difficulty the 6 different levels are :

- FB
- FA
- FAA – includes new Foundation content for the 9–1 GCSE
- HB
- HA
- HAA – includes new Higher content for the 9–1 GCSE

Student record/progress sheets are available (with or without room for targets) listing the skills being used



Choose a set



20 Questions GCSE FB FA FAA HB HA HAA

Foundation A

A4 Qns	A5 Qns	Answers
Set 1	Set 1	Set 1
Set 2	Set 2	Set 2
Set 3	Set 3	Set 3
Set 4	Set 4	Set 4
Set 5	Set 5	Set 5
Set 6	Set 6	Set 6

[Record Sheets](#)

Topic Resources

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Fluency

- NUMBERUP
- TIMES TABLES
- DECIMALS (TABLES)
- STARTERS
- DIRECTED NUMBERS

Answer the questions (use your revision guide to help you)

Name :

FA1.1

Question 1 What is the 9th multiple of 15?	Question 2 List the factors of 49	Question 3 Work out $76.5 + 25.2 =$	Question 4 Work out $5.56 + 3.29 =$
Question 5 Work out $10 + -5 =$	Question 6 Work out $-8 + 6 =$	Question 7 Work out $29 \times 34 =$	Question 8 Work out $40 \times 30 =$
Question 9 Work out $12 \times 0.4 =$	Question 10 Work out $5 \times 0.4 =$	Question 11 Work out $4 \times 4 + 3$	Question 12 Work out $11 \times (4 + 3)$
Question 13 Simplify $10a + 3b - 8a - 4b$	Question 14 Simplify $6a + 2b + 5a - 6b$	Question 15 Solve $13x + 3 = -10$	Question 16 Solve $9x - 4 = 23$
Question 17 Find the median 19, 15, 9, 10, 25	Question 18 Find the median 13, 24, 18, 13, 21	Question 19 Calculate the perimeter of a square with side length 11 cm	Question 20 Calculate the area of a rectangle with height 14 cm and length 9 cm

SKILLS CHECK

Score

www.mathsbox.org.uk

Bring up the answers

The screenshot shows a website interface for '20 Questions GCSE'. At the top, there are navigation tabs: FB, FA, FAA, HB, HA, HAA. Below this, the page is titled 'Foundation A'. On the left, there is a vertical menu with various categories like 'Problem Solving', 'Skills Checks', 'GCSE', 'Fluency', etc. The main content area is divided into three columns: 'A4 Qns', 'A5 Qns', and 'Answers'. Each column contains six buttons labeled 'Set 1' through 'Set 6'. A blue arrow points from the text 'Bring up the answers' to the 'Answers' column. At the bottom of the main content area, there is a 'Record Sheets' button.

Mark your answers (use the answers to work out where you went wrong if you got it wrong)

FA1.1

Question 1 What is the 9th multiple of 15? 135	Question 2 List the factors of 49 49, 7, 1	Question 3 Work out $76.5 + 25.2 =$ 101.7	Question 4 Work out $5.56 + 3.29 =$ 8.85
Question 5 Work out $10 + -5 =$ 5	Question 6 Work out $-8 + 6 =$ -2	Question 7 Work out $29 \times 34 =$ 986	Question 8 Work out $40 \times 30 =$ 1200
Question 9 Work out $12 \times 0.4 =$ 4.8	Question 10 Work out $5 \times 0.4 =$ 2	Question 11 Work out $4 \times 4 + 3$ 19	Question 12 Work out $11 \times (4 + 3)$ 77
Question 13 Simplify $10a + 3b - 8a - 4b$ $2a - b$	Question 14 Simplify $6a + 2b + 5a - 6b$ $11a - 4b$	Question 15 Solve $13x + 3 = -10$ $x = -1$	Question 16 Solve $9x - 4 = 23$ $x = 3$
Question 17 Find the median 19, 15, 9, 10, 25 15	Question 18 Find the median 13, 24, 18, 13, 21 18	Question 19 Calculate the perimeter of a square with side length 11 cm 44 cm	Question 20 Calculate the area of a rectangle with height 14 cm and length 9 cm 126 cm^2



If you want to practise more questions of this type then scroll down to page 2 of this set
Otherwise choose a different set

Go to the website www.corbettmaths.com

Choose '5-a-day'

Welcome

5-a-day

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Revision Cards



RSS feed

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Available for GCSE Higher or Foundation Tier



Calculator



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@tessmaths

Great ideas here for Memorable
People Maths - making the

Choose '5-a-day GCSE 9-1'

5-a-day

5-a-day GCSE 9-1

5-a-day GCSE A*-G

5-a-day Core 1

5-a-day Primary

RSS feed

Corbettmaths Revision Cards

Available for GCSE Higher or Foundation Tier



Calculator



Scroll down to the right date and right level

5-a-day GCSE 9-1

5-a-day GCSE 9-1

Numeracy – broadly designed for students aiming for Grades 1, 2 and 3.

Foundation – broadly designed for students aiming for Grades 3 and 4.

Foundation Plus – broadly designed for students aiming for Grades 4, 5 and 6.

Higher – broadly designed for students aiming for Grades 6 and 7.

Higher Plus – broadly designed for students aiming for Grades 8 and 9.

January

1st January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus
2nd January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus
3rd January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus
4th January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus
5th January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus
6th January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus
7th January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus
8th January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus
9th January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus
10th January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus

Answers - January

11th January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus
12th January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus
13th January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus
14th January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus
15th January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus
16th January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus
17th January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus
18th January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus
19th January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus
20th January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus

Answers - January

21st January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus
22nd January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus



Corbettmaths Revision Cards

Available for GCSE Higher or Foundation Tier



Calculator



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@tessmaths

Great ideas here for Memorable People Maths...making the students part of the maths Follow the thread...

Feb 6, 2018

Corbettmaths Retweeted

Jo Morgan
@mathsjem

Great selection of workshops
twitter.com/lasalleed/stat...

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See below for an example

Have a go at the questions (use your revision guide to help you)

Check your answers (use the answers to learn from)

Name: _____

5-a-day

Foundation Plus

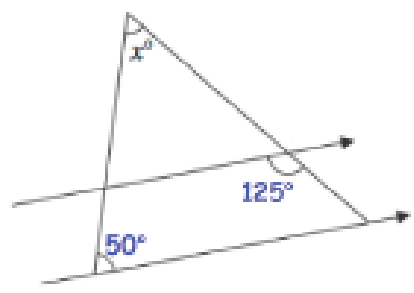
8th February



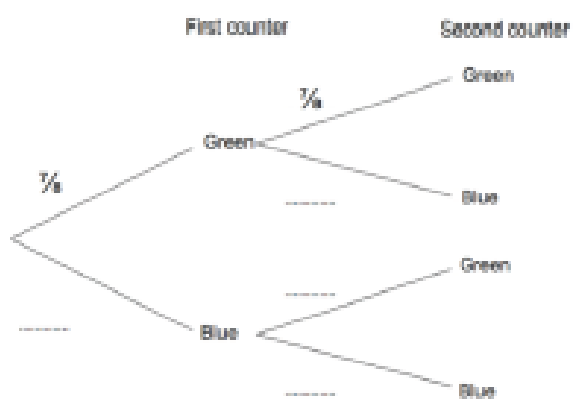
Corbettm@ths

Write 32000000000 in standard form.

Write 3.5×10^3 as an ordinary number



Find x



There are green and blue counters in a container. Kevin takes at random a counter from the container. He replaces the counter in the container. Kevin takes at random a second counter from the container.

Complete the tree diagram.

Work out the probability Kevin picks counters that are different colours.

Factorise $x^2 - 38x + 72$