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Revision Notes 1.

Sorting (assuming
sorting into

ascending order) a)

BUBBLE SORT b)

SHUTTLE SORT

Step 1 Compare

first two numbers.

If the smaller

number is on the

right,

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DECISION 1

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with key points,
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questions and
papers for AQA,
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Decision 1 Maths A-
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Sorting (assuming
sorting into

ascending order) a)

BUBBLE SORT b)

SHUTTLE SORT

Step 1 Compare

first two numbers.

If the smaller

number is on the

Page 6/85

right, swap the two numbers - write the remainder of the list.

DECISION 1

Revision Notes - Hinchingbrooke

Aqa a-level maths: decision 1 revision notes. Tadaa... as requested. my notes for decision1 xD woo go me.

Page 7/85

There seems to be a lower 'fact stating:word' ratio in this note, but these are my notes on decision, by chapter, with the algorithm/procedure you meant to follow and an explanation as well as the things you need to show for the method ...

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MATHS REVISION

NOTES 1 SURDS •

\sqrt{A} root such as 3

that cannot be

written exactly as a

fraction is

IRRATIONAL • An

expression that

involves irrational

roots is in SURD

FORM e.g. $2\sqrt{3}$ • $\sqrt{3}$

Page 11/85

+ 2 and $3 - \sqrt{2}$ are
CONJUGATE/COMPL
EMENTARY surds -
needed to
rationalise the
denominator

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notes a 1. www.mathsbox.org.uk CORE
1 Summary Notes 1
Linear Graphs and
Equations $y = mx + c$
gradient
= increase in
y / increase in x
y intercept
Gradient
Facts § Lines that
have the same
gradient are
PARALLEL § If 2
lines are

Page 16/85

PERPENDICULAR

then $m_1 \cdot m_2 = -1$

or $m_2 = -1/m_1$ e.g. $2y$

$= 4x - 8y = 2x - 4$

gradient =

2 gradient of

perpendicular line

= $-1/2$ Finding the

equation of a

straight ...

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Examples. I have
put together the
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of excellent
resources to help
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your A Level
exams. The notes
are particularly
useful if you save
them to your
phone or tablet, so

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notes with you
wherever you are.

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k CORE 3 1 !
SUMMARY NOTES
Functions A
function is a rule
which generates
exactly ONE
OUTPUT for

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A-level

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C1 at Westminster
College. www.mathsbox.org.uk CORE
3 1 SUMMARY
NOTES Functions A
function is a rule
which generates
exactly ONE
OUTPUT for EVERY

AQA Core 3

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with key definitions
to remember and
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Game theory

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mechanics,
decision, further A
great website run
that was set up by
the Universities of

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Loughborough,
Leeds and
Coventry, the
Maths Stats and OR
Network and the
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Services Trust. The
resource includes
not only revision
notes and
worksheets, but
also handy revision
leaflets and video

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walkthroughs.

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The program designed by Jeevan summarise what you need to know for your exam by focusing on the key concepts. The resources are well written and take

Page 30/85

the complexity out
of the topics
covered.

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notes a 1. www.mathsbox.org.uk
CORE
1 Summary Notes
1 Linear Graphs and
Equations
 $y = mx + c$
gradient = increase
in y / increase in x

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intercept Gradient
 Facts § Lines that
 have the same
 gradient are
 PARALLEL § If 2
 lines are
 PERPENDICULAR
 then $m_1 \cdot m_2 = -1$
 or $m_2 = -1/m_1$ e.g. $2y$
 $= 4x - 8y = 2x - 4$
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 of perpendicular line
 = $-1/2$ Finding the

equation of a
straight ...

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sheets with key
points, checklists,
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chapters in the Pearson D2 book, with key definitions to remember and common mistakes. Read more.

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notes. Tadaa... as
requested. my notes for*
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*decision1 xD woo go
me. There seems to be
a lower 'fact
stating:word' ratio in
this note, but these are
my notes on decision,
by chapter, with the
algorithm/procedure
your meant to follow
and an explanation as
well as the things you
need to show for the
method ...*

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Notes 1. Sorting*

*(assuming sorting into
ascending order) a)*

BUBBLE SORT b)

SHUTTLE SORT Step

1 Compare first two

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numbers. If the smaller number is on the right,

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Notes 1. Sorting

(assuming sorting into ascending order) a)

BUBBLE SORT b)

SHUTTLE SORT Step

1 Compare first two

numbers. If the smaller

number is on the right,

swap the two numbers

– write the remainder

of the list.

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notes. Tadaa... as
requested. my notes for
decision1 xD woo go
me. There seems to be
a lower 'fact
stating:word' ratio in
this note, but these are
my notes on decision,
Page 46/85*

*by chapter, with the
algorithm/procedure
you meant to follow
and an explanation as
well as the things you
need to show for the
method ...*

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REVISION NOTES 1

SURDS • $\sqrt[n]{A}$ root such

as 3 that cannot be

written exactly as a

fraction is

IRRATIONAL • An

Page 49/85

*expression that involves
irrational roots is in
SURD FORM e.g. $2\sqrt{3}$
• $\sqrt{3} + 2$ and $3 - \sqrt{2}$
are CONJUGATE/CO
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surds – needed to
rationalise the
denominator*

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*Notes 1 Linear Graphs
and Equations*
 $y = mx + c$
gradient = increase
in y / increase in x
intercept

Facts
§ Lines that have
the same gradient are
PARALLEL
§ If 2 lines
are

PERPENDICULAR
then $m_1 \cdot m_2 = -1$ or
 $m_2 = -1/m_1$ e.g. $2y = 4x$
 $- 8y = 2x - 4$ gradient

Page 54/85

*= 2gradient of
perpendicular line =
-1/2Finding the equation
of a straight ...*

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CORE 3 1 !

SUMMARY NOTES

*Functions A function is
a rule which generates
exactly ONE OUTPUT
for*

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NOTES Functions A
function is a rule
which generates exactly
ONE OUTPUT for
EVERY*

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*what you need to know
for your exam by
focusing on the key
concepts. The resources
are well written and
take the complexity out
of the topics covered.*

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SUMMARY NOTES
Functions A function is**

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1 SURDS □ □A

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root such as $\sqrt[3]{2}$ that cannot be written exactly as a fraction is IRRATIONAL \square

An expression that involves irrational roots is in SURD FORM

e.g. $2\sqrt[3]{2} + \sqrt[3]{3} + 2$ and $3 - \sqrt[3]{2}$ are CONJUGATE/CO

MPLEMENTARY
surds – needed
to rationalise
the denominator

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*up by the
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Loughborough,
Leeds and
Coventry, the
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includes not only
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*and worksheets,
but also handy
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Revision Notes 1.*

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*Sorting (assuming
sorting into
ascending order)*

a) BUBBLE SORT

b) SHUTTLE SORT

*Step 1 Compare
first two numbers.*

*If the smaller
number is on the
right, swap the two
numbers - write
the remainder of
the list.*

AQA Core 3

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uk CORE 3 1 ...*

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Revision Notes
1. Sorting
(assuming
sorting into
ascending
order) a)
BUBBLE SORT b)

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SHUTTLE SORT

Step 1 Compare first two numbers. If the smaller number is on the right,