The following Sample Revision Booklet gives a brief overview of the different topics cover.

Outline for All revision booklets:

- Reasoning Behind Booklet
- Extensive Reading List
- Addition Speed Test
- Subtraction Speed Test
- Multiplication Speed Test
- Division Speed Test
- Basic Operations
- Inverse Operations
- Number Work
- Equivalent Fraction, Decimal, Percentage
- Convert Between Fraction/ Decimal/ %
- Doubling, Halving, x10, ÷10
- Conversions/ 3D Shapes/ Maths Facts
- Multiply/ Divide by 10,100,1000
- **3** Maths topics explained with practice questions (Eg: Revision Booklet 3, *Temperature Change, Patterns, Function Machines*)
- English Grammar Definitions
- 3 Grammar Revision Sections
- Synonyms
- Grammar and Spelling
- Answers

Through analysis of the AQE past papers the areas listed above are essential for success in the AQE.

These compliment the AQE practice papers, helping to speed up answering of questions, creating increased efficiency.



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Revision Booklet 1

(Sample)

Name:

Торіс	Completed
Addition Speed Test (5 mins)	
Subtraction Speed Test (5 mins)	
Multiplication Speed Test (5 mins)	
Division Speed Test (5 mins)	
Basic Operations	
Inverse Operations	
Number Work	
Fraction/Decimal/% Equivalents	
Convert Between Fraction/ Decimal/ %	
Doubling/Halving/÷10/x10	
Conversions/ 3D shapes/ Maths Facts	
Multiply/ Divide by 10,100,1000	
Mean/ Range	
Area	
Triangle Properties	
Grammar	
Synonyms	
Grammar and Spelling	

The Reasoning behind this booklet

Maths

In maths the **<u>6 pillars</u>** include:

- Times tables
- Basic Operations (with and without decimals)
- Inverse Operations
- Number Work
- Equivalent Fractions/ Decimals/ %
- x/÷ by 10,100,1000, Doubling/ Halving

The booklet starts by practicing these essential maths skills (6 Pillars). These are the foundation that all other maths topics are built upon. **It cannot be stressed enough the importance of quick recall of these 6 pillars.** (Like going to the gym, this will only improve with repetition!)

This is followed by and introduction/ explanation to mathematical topics tested in the AQE. This is coupled with practice questions for revision.

<u>English</u>

The English aspects of the test is very predictable in his format.

- Poem Comprehension/ Grammar (9 marks)
- 5 Mistakes Text (5 Marks)
- Poem Comprehension/ Grammar (9 marks)
- Fiction Text Comprehension/ Grammar (9 marks)

From analysis of the past AQE papers the common questions that arise include:

- Identifying noun, adjective, verb, adverb
- Past/ Present Tense
- Singular/ Plural
- Homophones
- Apostrophe use
- Synonyms (<u>www.freerice.com</u> great website to work on synonyms!!!)
- Comprehension

There is an explanation for all the above topics included in the revision booklet, along with practice questions for revision.

The English sections are the **easiest** (not as many topics to revise) **and hardest** (The people who prepare the test have almost unlimited words to choose from!) **to prepare for**. The biggest indicator of success in the English is how much a child reads. This exposes them to a range of vocabulary, sentence structures, knowledge that just cannot be covered solely in school. **Get them Reading!!!**

Reading List

- David Walliams eg: Demon Dentist, Awful Aunty, Gangster Granny
- Sir Arthur Conan Doyle The Lost World, Sherlock Holmes, The Hound of the Baskervilles
- Arthur Ransome Swallows and Amazons and other books in this series
- C.S Lewis All of the Narnia Series starting with The Lion, The Witch and the Wardrobe
- Frances Hodgson Burnett The Secret Garden, A Little Princess
- William Golding Lord of the Flies
- Brian Jacques Redwall series
- J.R.R Tolkein The Lord of the Ring (3 books: The Fellowship of the Ring, The Two Towers, The Return of the King) The Hobbit
- Mark Twain The Adventures of Huckleberry Finn, The Adventures of Tom Sawyer George Orwell Animal Farm
- Arthur Ransome Swallows and Amazons series
- Gerald Durrell My family and Other Animals, Birds, Beasts and Relatives, A Zoo in my Luggage, Encounters with Animals
- Malorie Blackman Noughts and Crosses Trilogy, Tell Me No Lies, Thief, Pig Heart Boy
- Susan Coolidge What Katy Did series
- Roald Dahl books e.g. The BFG, Charlie and the Chocolate Factory, James and the Giant Peach and others
- Anthony Horowitz Granny, Alex Rider series, Stormbreaker
- Robin Stevens Murder Most unladylike
- Anne Holm I Am David
- Lucy Montgomery Anne of Green Gables and other books in this series
- Daniel Defoe Robinson Crusoe
- Laura Ingalls Wilder Little House on the Prairie series
- E. Nesbit The Railway Children, The Phoenix and the Carpet, Five Children and It, The Wouldbegoods, The Treasure Seekers

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- Michael Morpurgo books e.g. The Butterfly Lion, War Horse, From Hereabout Hill, Why the Whales Came and others
- Lee Trenton Stewart The Mysterious Benedict Society and the Perilous Journey, The Mysterious Benedict Society
- Louis Sachar Holes
- Joan Aiken Wolves of Willoughby Chase series
- Nina Bawden Carrie's War
- Carolyn Keene Nancy Drew mysteries
- Charles Kingsley The Water Babies
- Clive King Stig of the Dump
- Jonathan Swift Gulliver's Travels
- Robert Louis Stevenson Treasure Island, Kidnapped
- Paul Gallico The Snow Goose, Scruffy
- Kenneth Graham The Wind in the Willows
- Rudyard Kipling Jungle Book, Just So Stories
- Eleanor H. Porter Pollanna
- R.M. Ballantyne Coral Island
- Anna Sewell Black Beauty
- Erich Kästner Emil and the Detectives (good for boy readers)
- Elizabeth Goudge The Little White Horse
- Johanna Spyri Heidi
- Noel Stretford Ballet Shoes, White Boots (good for girl readers)
- Ian Serraillier The Silver Sword
- Derek Landy Skulduggery pleasant
- Mary Norton The Borrowers and other books in this series
- Louisa May Alcott Little Women
- Lewis Carroll Alice in Wonderland
- Hugh Lofting Dr Dolittle
- Eva Ibbotson The Star of Kazan
- Eoin Colfer Artemis Fowl series of books
- Richard Adams Watership Down
- Richmal Crompton Just William books
- E.B. White Charlotte's Web
- Jules Verne Journey to the Centre of the Earth, Around the World in 80 days

- Robert O'Brian Mrs Frisby and the Rats of Nimh series of books
- Anne Fine books e.g. The Flour Babies, Madame Doubtfire
- James Herriot All Creatures Great and Small
- Yan Martel The Life of Pi
- Mark Haddon The Curious Incident of the Dog in the Night Time
- Charlotte Bronte Jane Eyre
- H.G. Wells The Time Machine
- Charles Dickens A Christmas Carol
- D Adams The Hitchhiker's Guide to the Galaxy
- J.K. Rowling Harry Potter series of books
- John Boyne Boy in the Striped Pyjamas
- Eva Ibbotson The Star of Kazan
- Jenny Nimmo Children of the Red King series of books (Charlie Bone)
- Helen Dunmore Ingo adventures series of books
- Terry Deary The Fire Thief Fight Back
- Kate DiCamillo The Miraculous Journey of Edward Tulane
- Snicket, Lemony A Series of Unfortunate Events series of books
- Jeanne Birdsall The Penderwicks
- T.H. White The Sword in the Stone
- Philipa Pearce Tom's Midnight Garden
- Susan Coolidge What Katy Did Next
- Dick-King Smith books e.g. The Crowstarver, The Sheep Pig
- Ted Hughes How the Whale Became, The Iron Man
- Robert Muchamore Cherub book series

Addition Speed Test (5 minutes)

Time: _				Score:	/10	0			
19 + 3	14 + 8	+ 4	15 + 8	+ 3	+ 10 + 8	+ 11 + 9	11 + 8	+ 3	16 + 7
+ 8	+ 4	17 + 4	+ 6	+ 5	15 + 3	+ 6	17 + 8	+ 4	10 + 9
+ 9	+ 6	9 + 7	+ 5	+ 6	+ 9	+ 7	13 + 9	+ 5	11 + 3
15 + 6	+ 8	19 + 5	+ 9	+ 8	+ 8	+ 4	+ 4	+ 8	18 + 3
+ 6	+ 9	13 + 5	+ 9	+ 4	15 + 3	15 + 5	+ 4	+ 9	+ 7
4 + 4	+ 5	+ 16 + 8	+ 5	+ 7	+ 5	+ 4	+ 7	17 + 4	19 + 6
+ 9	+ 4	+ 5	+ 8	+ 3	+ 7	+ 4	+ 7	+ 6	+ 5
12 + 5	19 + 9	+ 7	+ 8	+ 6	+ 9	+ 3	+ 7	+ 6	13 + 9
19 + 6	17 + 6	9 + 8	+ 7	13 + 5	17 + 3	15 + 5	13 + 7	+ 9	+ 3
+ 6	+ 3	11 + 3	+ 7	+ 3	11 + 6	4 + 4	12 + 7	+ 7	12 + 5

Subtraction Speed Test (5 minutes)

Time:				Score:	/10	0			
- 3	- 5	12 - 5	- 3	15 - 3	- 4	- 4	9 - 1	- 3	- 12 - 8
- 8	- 0	- 3	16 - 8	14 - 6	- 9	18 - 3	12 - 7	19 - 5	- 5
17 - 8	19 - 8	- <u>9</u> - 3	18 - 8	18 - 9	16 - 8	10 - 4	- 6	- 0	- 0
17 - 4	- 2	- 1	18 - 7	10 - 9	- 4	15 - 8	- 6	- 4	- 5
- 7	15 - 9	10 - 3	14 - 5	4 - 1	13 - 7	- <u>5</u>	9 - 1	- 3	17 - 4
- 3	12 - 3	- 6	13 - 6	14 - 4	- 6	15 - 3	18 - 7	- 3	14 - 6
11 - 4	- 6	12 - 6	- 3	13 - 3	19 - 4	- 4	- 8	11 - 8	- 5
17 - 9	13 - 5	16 - 5	11 - 6	- 4	15 - 5	11 - 6	- 2	14 - 9	- 5
- 5	- 2	19 - 3	- 5	- 0	- 6	- 2	16 - 9	10 - 5	11 - 3
- 0	16 - 6	10 - 3	7 - 1	19 - 9	- 5	- 2	13 - 7	17 - 6	- 5

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Time: _				Score:	/10)0			
2 x 11	x 4	x 5	x 3	2 x 10	x 5	x 10	x 12	x 5	4 x 1
6 x 12	x 6	x 3	8 x 11	x 2	4 x 1	9 x 10	x 7	8 x 12	10 x 12
10 x 12	7 x 11	x 6	11 x 1	7 x 5	7 x 12	x 8	10 x 6	10 x 6	5 x 12
12 x 11	x 3	x 5	x 3	x 3	x 2	10 x 6	x 4	11 x 3	8 x 12
11 x 1	x 9	x 7	x 3	3 x 12	4 x 1	x 3	6 x 12	x 3	3 x 12
x 2	10 x 5	x 1	x 8	x 7	x 5	x 5	11 x 1	x 7	8 x 10
x 9 x 3	x 9	x 12	x 3	11 x 6	x 8	x 8	x 7	11 x 10	x 7
9 x 9	x 5	10 x 10	x 6	x 9	x 7	x 9	x 9	x 1	6 x 10
9 x 10	x 2	x 2 x 3	11 x 5	10 x 2	x 8	x 2	x 8	x 5	x 6
9 x 8	x 7	x 9 x 7	9 x 9	x 7	5 x 11	x 4	x 8 x 4	x 5	x 2

Division Speed Test (5 minutes)

Time:		Score:/100		
132 ÷ 11 =	4 ÷ 4 =	56 ÷ 8 =	21 ÷ 7 =	77 ÷ 11 =
22 ÷ 11 =	70 ÷ 7 =	6 ÷ 2 =	20÷5 =	54 ÷ 6 =
40 ÷ 4 =	48 ÷ 12 =	72 ÷ 8 =	10 ÷ 10 =	55 ÷ 11 =
33÷3 =	99÷9 =	30 ÷ 3 =	12 ÷ 12 =	96 ÷ 12 =
4÷2 =	14÷2 =	96 ÷ 8 =	63 ÷ 7 =	60 ÷ 12 =
20 ÷ 10 =	16÷2 =	100 ÷ 10 =	66 ÷ 6 =	63÷9 =
50 ÷ 5 =	88 ÷ 8 =	28 ÷ 4 =	35 ÷ 5 =	4÷1 =
40 ÷ 8 =	60÷5 =	48 ÷ 6 =	22 ÷ 2 =	9÷9 =
10 ÷ 1 =	48÷8 =	8 ÷ 8 =	9÷3 =	110 ÷ 10 =
24 ÷ 12 =	49÷7 =	121 ÷ 11 =	24 ÷ 3 =	60 ÷ 6 =
90 ÷ 9 =	50 ÷ 10 =	18÷9 =	30 ÷ 6 =	15÷5 =
12 ÷ 1 =	5 ÷ 5 =	45 ÷ 5 =	56 ÷ 7 =	18÷3 =
30 ÷ 10 =	120 ÷ 12 =	40 ÷ 10 =	30 ÷ 5 =	108 ÷ 12 =
36 ÷ 4 =	24 ÷ 6 =	11 ÷ 11 =	18÷6 =	6÷6 =
77÷7 =	108÷9 =	36 ÷ 6 =	9÷1 =	20÷2 =
99÷11 =	60 ÷ 10 =	80 ÷ 10 =	6÷1 =	8÷2 =
10 ÷ 2 =	21÷3 =	144 ÷ 12 =	18÷2 =	44 ÷ 4 =
24 ÷ 8 =	15÷3 =	42 ÷ 7 =	27 ÷ 3 =	84 ÷ 12 =
120 ÷ 10 =	28 ÷ 7 =	36 ÷ 3 =	24 ÷ 2 =	5÷1 =
3÷3 =	72 ÷ 12 =	1÷1 =	40 ÷ 5 =	81÷9 =

Basic Operations

Addition	
1) 495 + 2) 2374	- 94 = + 5872 =
G 14 4	
Subtraction	
3) 7252	- 379 =
4) 2432	- 486 =
Multiplicati	on
5) 95 x	62 =
6) 42 x 2	26 =
Division	
7) 5985	÷ 5 =
8) 8578	÷ 2 =
Addition	
9) 2947	+ 1800 =
10)	7462 + 945 =
Subtraction	
11)	0264 173 -
11)	2582 - 2191 =
)	
Multiplicati	on
13)	47 x 83 =
14)	91 x 81 =
Division	
15)	9995 ÷ 5 =
16)	2597 ÷ 7 =

Inverse Operations

Addition

1) 3487 + _____ = 3813 2) _____ + 429 = 10296

Subtraction (Be careful if the second number is missing in subtraction!)

3) _____ - 236 = 4360 4) 6253 - ____ = 5410

Multiplication

5) 36 x ____ = 216 6) ____ x 54 = 486

Division (Be careful if the second number is missing in division!)

7) $_$ $\div 5 = 167$ 8) $96 \div _$ = 32

Addition

9) 7532 + _____ = 15823 10) _____ + 8521 = 18063

Subtraction (Be careful if the second number is missing in subtraction!)

 $\begin{array}{ccc} 11) & & & \\ 12) & & 2524 - & \\ & & = 1866 \end{array}$

Multiplication

13) 7 x = 32214) x 9 = 846

Division (Be careful if the second number is missing in division!)

15)
$$\pm 5 = 123$$

16) $60 \div ___= 5$

Number Work

Square Numbers (First 12)	Cubed Numbers (First 5) Triangular Numbers (First 5)
	Factors of 12 (6)
	12
Prime Numbers (First 10)	
	Multiples of 25 (First 5)

Equivalent Fraction, Decimal, %

Fractions	Decimals	Percentages (%)
1/2		50%
2/2 = 1		100%
1/4		25%
$2/4 = \frac{1}{2}$		50%
3/4		75%
4/4 = 1		100%
1/10	0.1	
2/10 = 1/5	0.2	
3/10	0.3	
4/10 = 2/5	0.4	
$5/10 = 2/4 = \frac{1}{2}$	0.5	
6/10 = 3/5	0.6	
7/10	0.7	
8/10 = 4/5	0.8	
9/10	0.9	
10/10 = 1	1	
1/3		33.33%
2/3		66.66%
3/3 = 1		100%

Convert Between Fractions, Decimals and Percentages

Refer to Video Tutorial found at:

https://www.facebook.com/stirlingtuition2017/videos/404719069999568/

Convert Decimal to Percent

0.58 =	0.16 =	0.53 =
0.05 =	0.11 =	0.81 =

Convert Percent to Decimal

87 % =	55 % =	50 % =		
86 % =	21 % =	34 % =		

Convert Decimal to Fraction

0.73 =	0.3 =	0.8 =		
0.41 =	0.12 =	0.55 =		

Convert Fraction to Decimal

5	_	6	_	9	
20	=	10	=	25	
<u>17</u>	_	9	-	4	_
20	-	20	-	10	

Convert Fraction to Percent

9 10	=	$\frac{3}{25}$	=	15 20	=
<u>8</u> 10	=	$\frac{6}{20}$	=	5 25	=

Convert Percent to Fraction

20 % =	72 % =	73 % =
65 % =	56 % =	76 % =

Doubling/ Halving/ ÷10/ x10



Conversions of Measures

1.6 Kilogram (kg)	grams (g)	
1.4 Litre (L)	millilitres (ml)	
1.8 Kilometer (km)	meters (m)	
1.3 meter (m)	millimeters (mm)	
1.9 meter (m)	centimeters (cm)	
1.7 centimeter (cm)	millimeters (mm)	
<u>3D Shapes Table</u>		

3D Shapes Table

Shape	Faces	Edges	Vertices
Cube			
Cuboid			
Triangular Prism			
Cylinder			
Square based Pyramid			
Triangular based pyramid			
Sphere			
Cone			

Maths Facts

How do work out the area of a triangle?			
What is the size of an angle in a Full Circle =			
What is the size of an angle on a straight-line =			
What is the size of the angles in Triangle =			
What is a quadrilateral?			
What is the size of the angles in a quadrilateral =			
What does Percent mean?			
How do you work out the fraction of a number?			
How do you work out volume?			

Multiply and Divide by 10,100,1000



Mean (average) and Range

17

Explanation of Mean (Average):

To work out the **mean or average** of a set of numbers, simply **add** all the numbers together. Then **divide** the total of the numbers by the number of numbers you added together.

For Example:

1. For a school project, children had to count the number of counters in eight cups. The number of counters in each of the eight cups is given below.

7 5 3 9 11 4 10 7

a) Calculate the **mean** (average) number of counters in the cups. Write your answer in the space below.

<u>8</u> counters

7 + 5 + 3 + 9 + 11 + 4 + 10 + 7 = 56There are 8 numbers: $56 \div 8 = 7$

Mean Reminder: Add and Divide

Explanation of Range:

The range is simply the difference between the largest number and the smallest number.

For Example:

b) What is the range for the counters in the cups? Write your answer in the space below.

<u>8</u> counters

Largest = 11Smallest =- <u>3</u> Difference = 8 **1.** For a business, the owner has to count the number of laptops he has in each of his five stores. The number of laptops in each of his stores is given below.

27 31 24 49 114

a) Calculate the **mean** (average) number of laptops in each store. Write your answer in the space below.

_____ laptops

b) What is the **range** for the laptops? Write your answer in the space below.

_____ laptops

2. A paper boy delivers papers every day of the week. The number of papers he delivers each day is given below. (There is a lot more on Thursday, as it is Spectator day!)

12 15 18 32 11 9 8

a) Calculate the **mean** (average) number of papers the boy delivers each day. Write your answer in the space below.

papers

b) What is the **range** for the papers? Write your answer in the space below.

_____ papers

3. Clare is saving for a holiday. Over five weeks she saves the following amounts.

£24 £19 £36 £102 £64

a) Calculate the **mean** (average) number for how much she saves each week. Write your answer in the space below.

£

b) What is the **range** for the different amounts she saves? Write your answer in the space below.

£_____

4. Sam has decided to order his comics as his mum keeps complaining they are messing his room. He puts them into 6 different piles. Below is the amount of comics in each pile.

32 24 35 21 42 38

a) Calculate the **mean** (average) number for how many comics are in each pile. Write your answer in the space below.

comics

b) What is the **range** for the different piles of comics? Write your answer in the space below.

_____ comics

<u>Area</u>

Explanation of Area of Shapes (Squares/ Rectangles):

To work out the area of a shape **multiply the length by the width**.

Example:



Area Reminder: Multiply

Explanation of Area of Compound Shapes:

- 1) With compound shapes **split** the shape into rectangles and squares.
- 2) Find the missing lengths (**Tip: All the horizontal lines are connected; all the vertical lines are connected).**
- 3) Find the area of individual shapes.
- 4) Then finally **add** the areas.

Example:



Compound Shape Area Reminder: Split-Find Area-Add



1. 8cm 5cm 3cm 10cm Area = _____ 2. 6cm 4cm 4cm 14cm Area = ___ 3. 7cm 14cm 13cm 5cm Area = _____

Triangle Properties

Explanation of Area of Triangle Properties:







<u>English</u>

Noun:

Person, Place or Thing. E.g.: Sam, Bangor, pencil. Normally these are things you can physically see. There is the exception of **abstract** nouns, which are things, but you can't see them, they are usually feelings or ideas e.g.: courage, happiness etc.

Adjective:

Describes a noun. E.g.: red (adjective) car (noun), happy (adjective) boy (noun), small (adjective) country (noun).

Verb:

Doing/ action word. E.g.: run, play, skip, hold, give, clap, swim etc.

Adverb:

Describes a verb/ action. (Or <u>how</u> you do something.) E.g.: run (verb) quickly (adverb), play (verb) carefully (adverb), skip (verb) leisurely (adverb), clap (verb) loudly (adverb). **Normally adverbs end in 'ly'.**

However, there are times when adverbs don't end in 'ly'. E.g.: run (verb) tomorrow (adverb), play (verb) today (adverb), skip (verb) here (adverb), clap (verb) seldom (adverb).

Nouns, Adjectives, Verbs and Adverbs: Understanding context

It is essential that the child understands that the same word can have **different meanings** and uses.

E.g. the word canUsed as a verb: I can play the piano.Used as a noun: A can of worms.It is essential that the child can identify the correct definition and use (noun, adjective, verb, adverb) as it appears in the text.

Past/ Present Tense

This skill relates to verbs. E.g.: run (Present) ran (Past), clap (present) clapped (past). **Tip:** It is best to put yourself in the situation to get the word in the past (**Yesterday I**...) or present (**now**). **E.g.:** I run (present/ **now**), **Yesterday I** ran (past).

Also in the past tense some words are spelled differently of change completely

e.g. skip – skipped go – went clap – clapped see – saw

Plurals Rules

1. Add s

book	books	
dog	dogs	

2. If the noun ends in s, x, ch or sh (hissing sounds) you add es

church	churches
fox	foxes
glass	glasses
brush	brushes

3. If the noun **ends in y** and the **letter before is a vowel**, you **add s**

key	keys
boy	boys

4. If the noun ends in y and the letter before is not a vowel, you change y to i and add es

lady	ladies		
fairy	fairies		

5. Of the noun ends with f or fe, you take the f or fe away and add ves

calf	calves
wife	wives

But there are exceptions – these need to be learned and remembered.

Exceptions

chiefs
dwarfs/dwarves
hoofs/hooves
reefs
roofs/rooves
scarf/scarves

6. If the noun ends in double ff, you just add s

cliff	cliffs
puff	puffs

7. If the noun **ends in o**, you **add es**

potato potatoes echo echoes

But there are exceptions – these need to be learned and remembered.

Exceptions

banjo	banjos
cuckoo	cuckoos
halo	halos
igloo	igloos
kangaroo	kangaroos
photo	photos
piano	pianos
radio	radios
solo	solos
studio	studios
Z00	ZOOS

8. Words which **do not change**

cod
deer
dice
fish
fruit
moose
salmon
sheep
species
squid
trout

9. Words which change completely

child	children
foot	feet
goose	geese
man	men
mouse	mice
OX	oxen
person	people
tooth	teeth
woman	women

Homophones

Words which sound the same but have different meanings or spelling. E.g.: week – weak, son – sun, sea – see, their – there – they're, meet – meat, cell – sell.

Apostrophes

These are used for **possession** and **omission**.

Possession: Apostrophes are used to tell us that something belongs to someone. E.g.: If you were talking about a football belonging to Sam, you would say 'Sam's football'. (The football belongs to Sam)

There is only one of Sam, so this is called **singular possession**.

The girl's hat, John's car. In these examples there is ONE girl owns ONE hat and John owns ONE car.

If there are **two or more people** owning something, an apostrophe is needed to show **plural possession**.

In this case **the apostrophe goes after the plural owners**, so if a group of girls each own a hat and you want to talk about all these hats, you would say '**the girls' hats**, '**the teachers' staffroom**.

Tip: Be careful **not** to add apostrophes to **plurals**: E.g.: The dogs ran. Three cars parked.

Omission: If we put two words together and miss out some letters, we need to add an apostrophe where the missing letters are. E.g.: 'do not' would change to 'don't', the **contracted form**. These are also called **contraction**. (Squish the words together!)

Synonyms

Words which have the same definition (**Synonym = Same**). E.g.: Happy = cheerful, joyful, delighted. Sad = dejected, miserable, down

Compound Words

This is often worth 2 marks, so a quick recall and understanding of compound words can save time and add points.

E.g. wash + out = washout

out + side = outside

As with everything, extensive reading will help with this task as reading expands the child's vocabulary and they will be quicker to identify the compound words.

Suffixes and Prefixes

A suffix is something which is added to the **end** of a word: fear – fear**less** care - caref**u**l

A prefix is something which is added to the start of a word: understanding – **mis**understanding certain – **un**certain

<u> Antonyms – opposites</u>

These questions are usually worth 2 marks so it is worth going over opposites with the child. Quick recall of opposites will save valuable time when scanning the text for the answers.

Poetic Techniques:

Alliteration: where two or more words, having the same consonant sound, occur close together. E.g. Lazy lizards lying like lumps.

NB be sure that the child understands that alliteration applies to **consonants only**! (Assonance is the repetition of vowel sounds and, as yet, this has not appeared in the AQE papers, only alliteration).

Onomatopoeia: words which suggest the sounds they refer to. E.g. buzz, chirp, hiss, roar

Rhyme Patterns: identifying the rhyme pattern of a poem

Twinkle, twinkle little star, How I wonder what you are. Up above the world so high, Like a diamond in the sky.

These questions are sometimes worth 2 marks, which should be easy to pick up if the child can identify rhyme patterns easily.

Similes – being able to identify similes Similes use the words like and as: She sings like an angel As black as soot As busy as a bee He swims like a fish

Spelling – this is tested in the 5 Mistakes Text but **ALSO in the comprehension sections** With particular reference to:

use of y or i – mith or myth?

Endings - er/ar/or – creator or creater? al or el – personal or personel? ent or ant – permanent or permenant?

Double consonants – cc – suceed or succeed? tt - patern or pattern? ff – dificult or difficult? mm – swiming or swimming?

use of ei or ie - theif or thief?

General Grammar Mistakes

Often, there are questions to test whether a child is aware of common grammar mistakes, so it is always best to go know the difference between:

its and it's

its (no apostrophe) possessive: The dog licked its bone. it's (apostrophe) contraction – shortened version of it is: It's very cold today.

are and our

are – plural and 2nd person singular of the present tense of **the verb be** They are going to the park. our – possessive Would you like to come to our house?

there, they're and their

there – There is a swimming pool in our town. their – The children collected their coats. they're – short for they are – They're going to the cinema today.

your and you're

your – Tuck in your shirt! You're – short for you are – You're going to hurt yourself.

Comprehension

Close reading is essential

The child will be asked to identify whether a statement is true, false or unknown (don't know) based on the text in front of them. Often, the difference between getting the question right or wrong depends on noticing a subtle detail. Therefore, close reading of the questions and the text should be practised.

In Every AQE paper there is two poems and a narrative text. These test comprehension along with all the above skills mentioned in this English section. To improve this aspect of the test there is no substitute for reading. <u>There is a direct correlation between the success in the comprehension and the amount children read.</u> (*Refer to reading list at beginning of Booklet*)

Tick the correct word type

	verb	noun	adjective	adverb
house				
swiftly				
happy				
smile				

Past/ Present Tense

Look at the 4 words below. Write the past tense of each of the words in the space provided.

Be careful with your spelling.

take	
know	
bring	
write	

Singular/ Plural

Write the plural of each of the words below in the space provided. Be careful with your spelling.



Homophones: Circle the correct homophone for the sentence.

I do not **know/ no** your name.

Do you live over **there/ their**?

The whether/ weather has been great this month.

My shed is made of steel/ steal.

Apostrophes: Add the apostrophe to ensure the sentences are grammatically correct.

The babys name was very unusual.

The childrens competition was won by a 5-year-old.

Last months profits were disappointing.

The postmens bags were extremely heavy.

Tick the correct word type

	noun	verb	adjective	adverb
wander				
quickly				
brush				
floppy				

Past/ Present Tense

Look at the 4 words below. Write the present tense of each of the words in the space provided.

Be careful with your spelling.

stood	
met	
lost	
built	

Singular/ Plural

Write the plural of each of the words below in the space provided. Be careful with your spelling.



Homophones: Circle the correct homophone for the sentence.

Have you red/ read this book before?

Do you know where/ were Sam has gone?

Butter is **maid/ made** from milk.

Brides often cover their/ there face with a vale/ veil.

Apostrophes: Add the apostrophe to ensure the sentences are grammatically correct.

Martins homework was excellent.

The students attitude to their work was excellent.

Do you know where Mikes son is?

The salesmens party was cancelled.

Tick the correct word type

	noun	verb	adverb	adjective
slowly				
ran				
warm				
bath				

Past/ Present Tense

Look at the 4 words below. Write the past tense of each of the words in the space provided.

Be careful with your spelling.

bite	
build	
eat	
freeze	

Singular/ Plural

Write the plural of each of the words below in the space provided. Be careful with your spelling.



Homophones: Circle the correct homophone for the sentence.

Some dogs have there/ their tales/ tails removed.

When children our/ are ill they look very pail/ pale.

I have a whole/ hole in my bucket.

A leak/ leek is a vegetable not a fruit.

Apostrophes: Add the apostrophe to ensure the sentences are grammatically correct.

When youve run the race give me a call.

Its important to check the water in your car.

In the supermarket hes bought a sandwich and drink.

Please, please, please dont do that!

Synonyms

(Note: Throughout this section use a thesaurus if required.)

1. Find a second word with a similar meaning to the word in **bold**:

- a) GRADUAL momentary, slight, happening fast, happening slowly
- b) INTERFERENCE mistake, misunderstanding, expansion, interruption
- c) **PROMPT** payment, late, occasional, immediate
- d) SOLITARY weep, alone, quiet, timid

3.

- e) **PROCEEDED** followed, attacked, continued, hurried
- f) **ACTUALLY** possibly, likely, probably, really

2. Write down a synonym for each word (Use a thesaurus if you need to):

a) liberty		b) delicious		
c) curious		d) dull		
e) tremble		f) leap		
g) strike		h) hungry		
i) peculiar		j) tease		
3. Match up the sy	nonyms in the list:			
round	correct	speedy	courageous	
right	circular	mournful	hard	
brave	gloomy	rapid	difficult	
4. Can you find for	ur different synonyms of a	anger? E.g. start w	ith 'crossness'	
1		2		

4.

Plurals

Write the **plurals** of the following words in the spaces provided. **Remember your plural rules and exceptions**.

cat	cuff	
fox	kangaroo	
turkey	fish	
pony	mouse	
calf		

Opposites

Write the opposites of the following words in the spaces provided.

above	 cheap	
bright	 deep	
busy	 dead	
•		

Compound Words

Look at the five words below. From this list choose the best word that makes a compound word when written in one of the spaces below. Each word can be used only once.

time	not	ball	where	come
base				
some				
can				
life				
be				

Prefixes (goes before a word)

Look at the five prefixes below. Use these prefixes to create the words opposite in meaning to the words listed below. Each prefix can only be used once.

un	mis	ir	il	in	
behave			correct		
legal			rational		
happy					

Spelling

Look at the five pairs of words below. Circle the correct spelling in each pair.

apparant	apparent
environment	environmant
government	governmant
independant	independent
persistant	persistent

An	<u>swers</u>		F	Page 4										F	Page 5	5			
$+\frac{19}{22}$ $+\frac{1}{2}$	$\frac{4}{8}{22} + \frac{8}{4}{12}$	$+\frac{15}{8}$	$+ \frac{10}{3}$	$+\frac{10}{8}$	$+ \frac{11}{9}$	+ 11 + 8 19	+ 3	$-\frac{+\frac{16}{7}}{23}$] [- 3	- 5	- 5	- 3	15 - 3 - 12	- <u>8</u> - <u>4</u>	- 4	- 1	- 3	- 12
$\frac{3}{11}$ $\frac{+}{11}$	$\frac{8}{4}$ $\frac{17}{+4}$ $\frac{17}{21}$	+ ¹⁸ 24	+ 5	$\frac{+ 15}{+ 3}$	$+\frac{14}{6}$	$+\frac{17}{8}$	$+ \frac{10}{+ 4}$	$-\frac{10}{+9}$		- <u>9</u> - 8	$\frac{7}{-0}$	$-\frac{4}{3}$	- 8 - 8	- <u>6</u> 8	- 9 - 9	- <u>18</u> - <u>3</u> 15	- 12 - 7 5	- <u>5</u> - <u>14</u>	$\frac{7}{-5}$
$\frac{+ \frac{5}{9}}{14} + \frac{+}{1}$	$\frac{7}{6}$ $\frac{9}{+7}$ $\frac{16}{16}$	$\frac{+ \begin{array}{c} 13 \\ 5 \\ 18 \end{array}}{18}$	$\frac{+ \begin{array}{c} 6 \\ + \end{array}}{12}$	$+\frac{7}{9}$	$+\frac{4}{7}$	$+\frac{13}{9}$	$+\frac{8}{5}$	$-\frac{11}{+3}$		- <u>8</u> 9	- 8 - 19 - 11	- <u>9</u> - <u>3</u> 6	- 8 - 10	- 9 9	- <u>8</u> 8	- <u>4</u> 6	- <u>6</u> 2	$\frac{3}{-0}$	- 0 6
$\frac{15}{6}$ + $\frac{15}{21}$ + $\frac{15}{1}$	$\frac{8}{8}$ $\frac{+}{5}$ $\frac{19}{24}$	+ 9 15	+ 14 + 8 22	$\frac{+ \frac{16}{8}}{24}$	$+\frac{5}{4}$ 9	$+\frac{17}{4}$	+ 8 24	$-\frac{18}{+3}$		- <u>4</u> - <u>1</u> - <u>1</u> 3	- <u>2</u> 2	- <u>7</u> - <u>1</u> 6	- ¹⁸ - 7 11	- 9 1	$\frac{- \frac{8}{4}}{4}$	- ¹⁵ - 8 7	- <u>9</u> - 6 3	- <u>8</u> - <u>4</u> - <u>4</u>	- ⁹ 5 4
$\frac{9}{15} + \frac{1}{2}$	$\frac{12}{9}{21} + \frac{13}{5}{18}$	$\frac{+ \frac{3}{9}}{12}$	+ 18 + 4 22	$\frac{15}{+3}$	$+\frac{15}{5}$	$+\frac{9}{13}$	$+\frac{18}{9}$	$-\frac{7}{14}$		- 7 7 0	15 - 9 6	- <u>10</u> - <u>3</u> 7	- ¹⁴ - 5 9	$\frac{4}{-1}$	- ¹³ - 7 6	- <u>5</u> - <u>4</u> 1	- <u>9</u> - <u>1</u> 8	- <u>9</u> - <u>3</u> 6	- 17 - 4 13
$+\frac{4}{8}$ +	$\frac{4}{5}$ $\frac{+}{8}$ $\frac{16}{24}$	$\frac{+ 6}{5}$	+ 7 16	+ 5	$+\frac{7}{4}$	$+\frac{12}{7}$	$+ \frac{17}{21}$	$-\frac{+ \frac{19}{6}}{25}$		- <u>4</u> <u>-</u> <u>3</u> <u>1</u>	- 12 - 3 9	- <u>9</u> 3	- 13 - 6 7	- <u>4</u> 10	- 6 0	- 15 - 3 12	- ¹⁸ - 7 11	- <u>8</u> - <u>3</u> 5	- <u>6</u> 8
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$\frac{12}{+5}$ $\frac{1}{2}$	$\frac{19}{28} + \frac{9}{7}{16}$	$\frac{+ 8}{15}$	$+ \frac{3}{6}$	$\frac{+9}{28}$	$+\frac{8}{3}$	$+\frac{12}{7}$	$+\frac{18}{6}$	$-\frac{+\frac{13}{9}}{22}$		$\frac{17}{-9}$	13 - 5 8	$ \frac{16}{-5} 11 10 $	- 6 5	$\frac{-4}{3}$	15 - 5 10	- 6 5	$\frac{3}{-2}$	- 9 - 5	$\frac{7}{-5}$
	$\frac{17}{6}{23} + \frac{9}{17}$	$\frac{+ \begin{array}{c} 6 \\ 7 \end{array}}{13}$	+ 5 18	$\frac{17}{+3}$	+ 5 20	$+\frac{13}{7}$	+ 9 13	$-\frac{+3}{6}$		$\frac{-5}{3}$	- 2 4	- <u>3</u> 16	$\frac{-5}{0}$	$\frac{-0}{8}$	$\frac{-6}{2}$	$\frac{-2}{4}$	$\frac{-9}{7}$	- 5 5	$\frac{-3}{8}$
$\frac{3}{9}$ +	$\frac{4}{3}{7} + \frac{11}{3}{14}$	$\frac{+ 5}{7}$	+ 3 8	$\frac{11}{+6}$	$+\frac{4}{8}$	$\frac{+ \frac{12}{7}}{19}$	$+\frac{6}{7}$	$-\frac{+5}{17}$		- <u>0</u> 4	- 6 10	- 3 7	- <u>1</u> 6	- 9 10	- <u>5</u> 2	- <u>2</u> 2	- <u>7</u> 6	- 6 11	- 5 2
			Р	age 6										Pa	ge 7]			
$\frac{2}{x \cdot 11} \times \frac{2}{x \cdot 11}$	$\frac{5}{4}$ $\frac{12}{x 5}$	$\frac{4}{x 3}$	<u>x 10</u>	x 5	10 x 10	$\frac{2}{x \ 12}$	$\frac{4}{5}$	<u>x 1</u>	132	÷ 11 =	12 4	÷4 =1		56 ÷ 8 =	7	21 ÷ 7	= 3	77 ÷	11 = 7
6	4 1	12	20 9	35 4	100	24 4	20 8	4	22 ÷	11 = 2	7)÷7 = 1 8÷12 =	0 4	$6 \div 2 = 3$ 72 ÷ 8 =	3	20 ÷ 5	= 4 0 = 1	54 ÷	6 = 9
$\frac{x \ 12}{72} \ \frac{x}{2}$	$\frac{6}{4} \frac{x 3}{3}$	x 11 88	x 2 18	x 1 4	x 10 90	$\frac{x 7}{28}$	x 12 96	<u>x 12</u> 120	33 ÷	· 3 = 11	9	9÷9=1	1	$30 \div 3 =$	10	12 ÷ 12	2 = 1	96 ÷	12 = 8
10	7 2	11	7	7	8	10	10	5	4 ÷ :	2 = 2	1	4÷2 = 7		96 ÷ 8 =	12	63 ÷ 7	= 9	60 ÷	12 = 5
$\frac{x \ 12}{120} \ \frac{x \ 1}{7}$	$\frac{1}{7}$ $\frac{x}{12}$	x 1 11	x 5 35	x 12 84	x 6 48	x 6 60	x 6 60	$\frac{x 12}{60}$	20 ÷	10 = 2	1	6÷2 =8		100 ÷ 10	= 10	66 ÷ 6	= 11	63 ÷	9 = 7
12	4 8 2 X 5	4	8	12	10	5	11	8	50 ÷	5 = 10	8	8 ÷ 8 = 1	1	28 ÷ 4 =	7	35 ÷ 5	= 7	4 ÷ 1	= 4
$\frac{11}{132}$ $\frac{1}{1}$	$\frac{3}{2}$ $\frac{x}{40}$	x 3 12	$\frac{x - 3}{24}$	<u>x 2</u> 24	x 0 60	$\frac{x + 4}{20}$	× 3 33	× 12 96	40 ÷	8 = 5	6	0÷5 = 1	2	48÷6 =	8	22 ÷ 2	= 11	9 ÷ 9	9 = 1
11 × 1 ×	8 8 9 x 7	3 × 3	3 x 12	4 × 1	1 × 3	6 x 12	4 × 3	3 x 12	10 ÷	- 1 = 10	4	8 ÷ 8 = 6		8 ÷ 8 = 1		9÷3 :	= 3	110	÷ 10 = 1
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$\frac{2}{16}$ $\frac{1}{5}$	$\frac{3}{10}$ $\frac{x}{1}$	8	42	40	30	11	35	80	30 ÷	· 1 – 12	1	÷ 5 – 1 20 ÷ 12 =	= 10	45 ÷ 5 –	9 = 4	30 ÷ 5	- 0	10 -	5 - 0 + 12 = 9
9 x 3 x	3 2 9 x 12	3 X 3	11 x 6	3 x 8	8 x 6	2 x 7	11 x 10	x 7	36 ÷	-4 = 9	2	$4 \div 6 = 4$	- 10	11 ÷ 11	= 1	18 ÷ 6	= 3	6 ÷ 6	$3^{-12} = 3^{-3}$
$\frac{x}{27}$ $\frac{x}{2}$	$\frac{3}{7}$ $\frac{x}{24}$	× 5 9	66	24	48	14	110	21	77 ÷	7 = 11	1	08 ÷ 9 =	12	36 ÷ 6 =	6	9÷1:	= 9	20 ÷	2 = 10
9	2 10	10	9	5	7 X 0	7 X 0	7 × 1	6 x 10	99 ÷	11 = 9	6	0 ÷ 10 =	6	80 ÷ 10	= 8	6÷1 :	= 6	8 ÷ 2	2 = 4
81 1	0 100	60	81	35	63	63	7	60	10 ÷	2 = 5	2	1 ÷ 3 = 7		144 ÷ 12	= 12	18 ÷ 2	= 9	44 ÷	4 = 11
9	4 2	11	10	8	× 2	1 x 9	6	7	24 ÷	8 = 3	1	5 ÷ 3 = 5		42 ÷ 7 =	6	27 ÷ 3	= 9	84 ÷	12 = 7
¥ 10 V	2×2	¥ 5	¥ /			~ 0	× 0	<u>~ U</u>											
<u>x 10</u> <u>x</u> 90	$\frac{2}{8}$ $\frac{x}{6}$	x 5 55	$\frac{x}{20}$	48	16	8	30	42	120	÷ 10 =	12 2	8 ÷ 7 = 4		36 ÷ 3 =	12	24 ÷ 2	= 12	5 ÷ 1	= 5
$\begin{array}{c} x & 10 \\ \hline 90 \\ x & 8 \end{array} \begin{array}{c} x \\ x \\ x \end{array}$	$\begin{array}{c} 2 \\ 2 \\ 8 \\ \hline 6 \\ 3 \\ 7 \\ x \\ 7 \\ \end{array}$	$\frac{x 5}{55}$	$\frac{x}{20}$ x $\frac{7}{7}$	$\frac{x}{48}$ $x \frac{5}{11}$	$\frac{x}{16}$ x $\frac{3}{4}$	8 x 4	30 x 5	42 3 x 2	120 3 ÷ :	÷ 10 = 1	12 2 7	8 ÷ 7 = 4 2 ÷ 12 =	6	36 ÷ 3 = 1 ÷ 1 = 1	12	24 ÷ 2 40 ÷ 5	= 12 = 8	5 ÷ 1 81 ÷	= 5 9 = 9

Basic Operations	Page 8	Inverse Operations
Addition		Addition
 495 + 94 = 2374 + 587 Subtraction 	5 89 72 = 8246	1) 3487 + <u>326</u> 2) <u>9867</u> + 429 Subtraction
 3) 7252 - 379 4) 2432 - 486 Multiplication 	= 6873 = 1946	3) <u>4596</u> - 236 4) 6253 - <u>843</u> Multiplication
5) $95 \ge 62 = 5$ 6) $42 \ge 26 = 1$ Division	5890 1092	5) $36 \times 6 = 21$ 6) $9 \times 54 = 48$ Division
7) 5985 ÷ 5 = 8) 8578 ÷ 2 = Addition	1197 4289	7) $835 \div 5 = 1$ 8) $96 \div 3 = 32$ Addition
 9) 2947 + 180 10) 7462 + 945 Subtraction 	00 = 4747 5 = 8407	9) 7532 + <u>829</u> 10) <u>9542</u> + 852 Subtraction
 11) 9264 - 173 12) 2582 - 219 Multiplication 	= 9091 1 = 391	11) <u>9747</u> - 295 12) 2524 - <u>658</u> Multiplication
13) 47 x 83 = 3 14) 91 x 81 = 7 Division	3901 7371	13) 7 x $\underline{46} = 32$ 14) $\underline{94}$ x 9 = 84 Division
15) 9995 ÷ 5 = 16) 2597 ÷ 7 =	1999 371	15) $615 \div 5 = 1$ 16) $60 \div 12 = 5$

Addition			Addition	-			
1) 4 2) 2 Subtractio	495 + 94 = 589 2374 + 5872 = 8 2 n	246	1) 2) Subtractio	3487 + 326 9867 + 429 on	= 3813 = 10296		
3) 4) Multiplica	7252 - 379 = 687 2432 - 486 = 194 tion	/3 /6	3) 4) Multiplic	<u>4596</u> - 236 6253 - <u>843</u> ation	= 4360 = 5410		
5) 9 6) 4 Division	95 x 62 = 5890 42 x 26 = 1092		5) 6) Division	36 x <u>6</u> = 21 <u>9</u> x 54 = 48	6 6		
7) 2 8) 8 Addition	5985 ÷ 5 = 1197 8578 ÷ 2 = 4289		7) 8) Addition	$\underline{835} \div 5 = 1$ 96 $\div \underline{3} = 32$	67 2		
9) 2 10) 7 Subtractio	2947 + 1800 = 4 ' 7462 + 945 = 84 n	747 07	9) 10) Subtractio	7532 + <u>829</u> <u>9542</u> + 852 on	$\underline{1} = 15823$ 1 = 18063		
11) 9 12) 2 Multiplica	9264 - 173 = 909 2582 - 2191 = 3 9 tion	91 91	11) 12) Multiplic	<u>9747</u> - 295 2524 - <u>658</u> ation	= 9452 = 1866		
13) 4 14) 9 Division	47 x 83 = 3901 91 x 81 = 7371		13) 14) Division	7 x <u>46</u> = 32 <u>94</u> x 9 = 84	2 6		
15) 9 16) 2	9995 ÷ 5 = 1999 2597 ÷ 7 = 371		15) 16)	$\frac{615}{60 \div 12} \div 5 = 1$	23		
Numbe	er Work	Page 10					
<u>Square</u>	<u>Cubed</u>	<u>Triangul</u>	<u>ar F</u>	<u>Prime</u>	<u>Factors</u>	<u>12</u> <u>M</u>	ultiples 25
1	1	1		2	1		25
4	8	3		3	1	2	50
9	27	6		5	2	2	75
16	64	10		7	6	5	100
25	125	15		11	3	;	125
36				13	4	Ļ	
49				17			
64				19			

Page 9

$1/2$ 0.5 50% $2/2 = 1$ 1 100% $1/4$ 0.25 25% $2/4 = 1/2$ 0.5 50% $3/4$ 0.75 75% $4/4 = 1$ 1 100% $1/10$ 0.1 10% $2/10 = 1/5$ 0.2 20% $3/10$ 0.3 30% $4/10 = 2/5$ 0.4 40% $5/10 = 2/4 = \frac{1}{2}$ 0.5 50%	
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$4/10 = 2/5$ 0.4 40% $5/10 = 2/4 = \frac{1}{2}$ 0.5 50% $0/40 = 0/5$ 0.2 0.2	
$5/10 = 2/4 = \frac{1}{2}$ 0.5 50%	
6/10 = 3/5 0.6 60%	
7/10 0.7 70%	
8/10 = 4/5 0.8 80%	
9/10 0.9 90%	
10/10 = 1 1 100%	
1/3 0.33 33.33%	
2/3 0.66 66.66%	
3/3 = 1 1 100%	
Page 12 Convert Decimal to Percent	
0.58 = 58 % 0.16 = 16 % 0.53 = 53	3 %
0.05 = 5 % 0.11 = 11 % 0.81 = 81	%
Convert Percent to Decimal	5
86 % = 0.86 21 % = 0.21 34 % = 0	.34
Convert Decimal to Fraction	
$0.73 = \frac{73}{100}$ $0.3 = \frac{3}{10}$ $0.8 = -100$	$\frac{8}{10} = \frac{4}{5}$
$0.41 = \frac{41}{100}$ $0.12 = \frac{12}{100} = \frac{3}{25}$ $0.55 = -5$	$\frac{55}{100} = \frac{11}{20}$
Convert Fraction to Decimal	
$\frac{5}{20} = 0.25$ $\frac{6}{10} = 0.6$ $\frac{9}{25} = 0.36$	J
$\frac{17}{20} = 0.85$ $\frac{9}{20} = 0.45$ $\frac{4}{10} = 0.4$	
Convert Fraction to Percent	
$\frac{9}{10} = 90\%$ $\frac{3}{25} = 12\%$ $\frac{15}{20} = 75\%$	6
$\frac{8}{10} = 80\%$ $\frac{6}{20} = 30\%$ $\frac{5}{25} = 20\%$	6
Convert Percent to Fraction	
$20\% = \frac{20}{100} = \frac{1}{5}$ $72\% = \frac{72}{100} = \frac{18}{25}$ $73\% =$	_ <u>73</u> 100
$65 \% = \frac{65}{100} = \frac{13}{20} \qquad 56 \% = \frac{56}{100} = \frac{14}{25} \qquad 76 \% =$	$\frac{76}{100} = \frac{19}{25}$



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