KS2 MATHS

Item level analysis file

Paper identifier	Question Number	Mark value	Primary Strand	Named Primary Strand	Primary Substrand	Name Primary Substrand	Primary content doman reference	Secondary Strand	Named Secondary Strand	Secondary Substrand	Name Secondary Substrand	Secondary content doman reference	Tertiary Strand	Named Tertiary Strand	Tertiary Substrand	Name Tertiary Substrand	Tertiary content doman reference
KS22016MATHS1	1	1	N	Number and place value	N2	read, write, order and compare numbers	3N2b										
KS22016MATHS1	2	1	C	Addition, subtraction, multiplication and divisio	C2	add / subtract using written methods	3C2										
KS22016MATHS1	3	1	C	Addition, subtraction, multiplication and divisio	C6	multiply / divide mentally	4C6b										
KS22016MATHS1	4	1	C	Addition, subtraction, multiplication and divisio	C1	add / subtract mentally	3C1										
KS22016MATHS1	5	1	C	Addition, subtraction, multiplication and divisio	C2	add / subtract using written methods	3C2										
KS22016MATHS1	6	1	C	Addition, subtraction, multiplication and divisio	C7	multiply / divide using written methods	3C7										
KS22016MATHS1	7	1	C	Addition, subtraction, multiplication and divisio	C2	add / subtract using written methods	5C2										
KS22016MATHS1	8	1	C	Addition, subtraction, multiplication and divisio	C1	add / subtract mentally	3C1										
KS22016MATHS1	9	1	C	Addition, subtraction, multiplication and divisio	C7	multiply / divide using written methods	3C7										
KS22016MATHS1	10	1	C	Addition, subtraction, multiplication and divisio	C7	multiply / divide using written methods	4C7										
KS22016MATHS1	11	1	C	Addition, subtraction, multiplication and divisio	C7	multiply / divide using written methods	3C7										
KS22016MATHS1	12	1	C	Addition, subtraction, multiplication and divisio	C6	multiply / divide mentally	5C6a										
KS22016MATHS1	13	1	C	Addition, subtraction, multiplication and divisio	C6	multiply / divide mentally	5C6b										
KS22016MATHS1	14	1	F	Fractions, decimals and percentages	F8	compare and order decimals	5F8										
KS22016MATHS1	15	1	C	Addition, subtraction, multiplication and divisio	C7	multiply / divide using written methods	5C7b										
KS22016MATHS1	16	1	F	Fractions, decimals and percentages	F8	compare and order decimals	5F8										
KS22016MATHS1	17	1	F	Fractions, decimals and percentages	F8	compare and order decimals	5F8										
KS22016MATHS1	18	1	C	Addition, subtraction, multiplication and divisio	C2	add / subtract using written methods	5C2										
KS22016MATHS1	19	1	C	Addition, subtraction, multiplication and divisio	C9	order of operations	6C9	C	Addition, subtraction, multiplication and divisi	C5	properties of number (multiples, factors, primes,	5C5d					
KS22016MATHS1	20	1	F	Fractions, decimals and percentages	F9	multiply / divide decimals	6F9a										
KS22016MATHS1	21	1	F	Fractions, decimals and percentages	F8	compare and order decimals	4F8										
KS22016MATHS1	22	1	C	Addition, subtraction, multiplication and divisio	C6	multiply / divide mentally	4C6b										
KS22016MATHS1	23	2	C	Addition, subtraction, multiplication and divisio	C7	multiply / divide using written methods	5C7a										
KS22016MATHS1	24	1	F	Fractions, decimals and percentages	F4	add / subtract fractions	4F4										
KS22016MATHS1	25	1	R	Ratio and proportion	R2	use of percentages for comparison	6R2										
KS22016MATHS1	26	1	F	Fractions, decimals and percentages	F9	multiply / divide decimals	6F9b										
KS22016MATHS1	27	1	F	Fractions, decimals and percentages	F4	add / subtract fractions	5F4										
KS22016MATHS1	28	2	C	Addition, subtraction, multiplication and divisio	C7	multiply / divide using written methods	6C7b										
KS22016MATHS1	29	1	R	Ratio and proportion	R2	use of percentages for comparison	6R2										
KS22016MATHS1	30	2	C	Addition, subtraction, multiplication and divisio	C7	multiply / divide using written methods	6C7a										
KS22016MATHS1	31	1	F	Fractions, decimals and percentages	F4	add / subtract fractions	6F4										
KS22016MATHS1	32	2	C	Addition, subtraction, multiplication and divisio	C7	multiply / divide using written methods	6C7b										
KS22016MATHS1	33	1	F	Fractions, decimals and percentages	F5	multiply / divide fractions	6F5b										
KS22016MATHS1	34	1	F	Fractions, decimals and percentages	F5	multiply / divide fractions	5F5										
KS22016MATHS1	35	1	F	Fractions, decimals and percentages	F4	add / subtract fractions	6F4										
KS22016MATHS1	36	1	C	Addition, subtraction, multiplication and divisio	C9	order of operations	6C9										

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KS22016MATHS2	1a	1	N	Number and place value	N2	read, write, order and compare numbers	3N2a	N	Number and place value	N4	identify, represent and estimate; rounding	4N4b					
KS22016MATHS2	1b	1	N	Number and place value	N2	read, write, order and compare numbers	3N2a										
KS22016MATHS2	2	1	N	Number and place value	N2	read, write, order and compare numbers	5N2										
KS22016MATHS2	3	2	C	Addition, subtraction, multiplication and divisio	C2	add / subtract using written methods	3C2	C	Addition, subtraction, multiplication and divisi	C1	add / subtract mentally	5C1					
KS22016MATHS2	4a	1	S	Statistics	S1	interpret and represent data	4S1	S	Statistics	S2	solve problems involving data	4S2	C	Addition, subtraction, m	C2	add / subtract using writte	5C2
KS22016MATHS2	4b	1	S	Statistics	S1	interpret and represent data	5S1	S	Statistics	S2	solve problems involving data	4S2	C	Addition, subtraction, m	C2	add / subtract using writte	5C2
KS22016MATHS2	5	2	C	Addition, subtraction, multiplication and divisio	C5	properties of number (multiples, factors, prim	5C5c	C	Addition, subtraction, multiplication and divisi	C5	properties of number (multiples, factors, primes,	5C5d	S	Statistics	S1	interpret and represent da	3S1
KS22016MATHS2	6	1	G	Geometry - properties of shapes	G2	describe properties and classify shapes	4G2c	P	Geometry - position and direction	P2	describe position, direction and movement	5P2					
KS22016MATHS2	7a	1	F	Fractions, decimals and percentages	F2	equivalent fractions	6F2										
KS22016MATHS2	7b	1	F	Fractions, decimals and percentages	F2	equivalent fractions	6F2										
KS22016MATHS2	8	1	F	Fractions, decimals and percentages	F10	solve problems with fractions and decimals	5F10	F	Fractions, decimals and percentages	F9	multiply / divide decimals	6F9a					
KS22016MATHS2	9	2	M	Measurement	M9	solve problems (a, money; b, length; c, mass	3M9a	M	Measurement	M9	solve problems (a, money; b, length; c, mass / w	5M9a					
KS22016MATHS2	10	2	F	Fractions, decimals and percentages	F2	equivalent fractions	3F2										
KS22016MATHS2	11	2	M	Measurement	M9	solve problems (a, money; b, length; c, mass	5M9c										
KS22016MATHS2	12a	1	A	Algebra	A2	simple formulae expressed in words	6A2										
KS22016MATHS2	12b	1	A	Algebra	A2	simple formulae expressed in words	6A2										
KS22016MATHS2	13	2	R	Ratio and proportion	R1	relative sizes, similarity	6R1										
KS22016MATHS2	14	1	C	Addition, subtraction, multiplication and divisio	C5	properties of number (multiples, factors, prim	6C5										
KS22016MATHS2	15	2	M	Measurement	M5	convert between metric units	5M5										
KS22016MATHS2	16a	1	N	Number and place value	N2	read, write, order and compare numbers	6N2										
KS22016MATHS2	16b	1	N	Number and place value	N2	read, write, order and compare numbers	6N2	N	Number and place value	N2	read, write, order and compare numbers	4N2b					
KS22016MATHS2	17a	1	G	Geometry - properties of shapes	G4	angles – measuring and properties	6G4b										
KS22016MATHS2	17b	1	G	Geometry - properties of shapes	G4	angles – measuring and properties	6G4a										
KS22016MATHS2	18	1	C	Addition, subtraction, multiplication and divisio	C8	solve problems (commutative, associative, di	6C8	F	Fractions, decimals and percentages	F9	multiply / divide decimals	6F9c					
KS22016MATHS2	19	3	C	Addition, subtraction, multiplication and divisio	C8	solve problems (commutative, associative, di	6C8										
KS22016MATHS2	20	1	P	Geometry - position and direction	P2	describe position, direction and movement	6P2	P	Geometry - position and direction	P3	co-ordinates	6P3					

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KS22016MATHS3	1	2	C	Addition, subtraction, multiplication and divisio	C1	add / subtract mentally	3C1										
KS22016MATHS3	2a	1	N	Number and place value	N5	negative numbers	6N5	S	Statistics	S1	interpret and represent data	3S1					
KS22016MATHS3	2b	1	N	Number and place value	N5	negative numbers	6N5	S	Statistics	S1	interpret and represent data	3S1					
KS22016MATHS3	3	1	M	Measurement	M4	telling time, ordering time, duration and units	4M4b										
KS22016MATHS3	4a	1	A	Algebra	A2	simple formulae expressed in words	6A2	C	Addition, subtraction, multiplication and divisio	C4	add / subtract to solve problems	3C4					
KS22016MATHS3	4b	1	A	Algebra	A2	simple formulae expressed in words	6A2	C	Addition, subtraction, multiplication and divisio	C4	add / subtract to solve problems	3C4					
KS22016MATHS3	5	1	F	Fractions, decimals and percentages	F8	compare and order decimals	5F8										
KS22016MATHS3	6	2	F	Fractions, decimals and percentages	F10	solve problems with fractions and decimals	4F10b	M	Measurement	M9	solve problems (a, money; b, length; c, mass / w	5M9b					
KS22016MATHS3	7a	1	G	Geometry - properties of shapes	G4	angles – measuring and properties	4G4										
KS22016MATHS3	7b	1	G	Geometry - properties of shapes	G4	angles – measuring and properties	4G4										
KS22016MATHS3	8	2	C	Addition, subtraction, multiplication and divisio	C8	solve problems (commutative, associative, di	6C8	M	Measurement	M9	solve problems (a, money; b, length; c, mass / w	5M9a					
KS22016MATHS3	9a	1	S	Statistics	S1	interpret and represent data	5S1	S	Statistics	S2	solve problems involving data	4S2					
KS22016MATHS3	9b	1	S	Statistics	S1	interpret and represent data	5S1										
KS22016MATHS3	10	1	M	Measurement	M8	volume	5M8										
KS22016MATHS3	11	2	C	Addition, subtraction, multiplication and divisio	C7	multiply / divide using written methods	6C7a										
KS22016MATHS3	12	1	P	Geometry - position and direction	P2	describe position, direction and movement	4P2										
KS22016MATHS3	13	2	F	Fractions, decimals and percentages	F10	solve problems with fractions and decimals	5F10										
KS22016MATHS3	14a	1	M	Measurement	M5	convert between metric units	6M5	C	Addition, subtraction, multiplication and divisio	C6	multiply / divide mentally	6C6					
KS22016MATHS3	14b	1	M	Measurement	M5	convert between metric units	6M5	C	Addition, subtraction, multiplication and divisio	C6	multiply / divide mentally	6C6					
KS22016MATHS3	15	2	N	Number and place value	N4	identify, represent and estimate; rounding	5N4	N	Number and place value	N4	identify, represent and estimate; rounding	6N4					
KS22016MATHS3	16	2	R	Ratio and proportion	R4	unequal sharing and grouping	6R4										
KS22016MATHS3	17	1	M	Measurement	M7	perimeter, area	6M7b										
KS22016MATHS3	18	2	G	Geometry - properties of shapes	G2	describe properties and classify shapes	6G2a										
KS22016MATHS3	19	1	N	Number and place value	N6	number problems	6N6	C	Addition, subtraction, multiplication and divisio	C8	solve problems (commutative, associative, distri	6C8					
KS22016MATHS3	20	2	F	Fractions, decimals and percentages	F10	solve problems with fractions and decimals	5F10	M	Measurement	M9	solve problems (a, money; b, length; c, mass / w	5M9a					
KS22016MATHS3	21	1	C	Addition, subtraction, multiplication and divisio	C8	solve problems (commutative, associative, di	6C8										