Progress in Maths 10

PIM 10 mapping to APP Levels 2 to 5

Question	A	N	C	U	S	H	Level	Assessment Focuses
1	1						2	recognise sequences of numbers, including odd and even numbers
2						2	3	use …. Carroll diagrams to record their sorting and classifying of information
3a			1				3	use the knowledge that subtraction is the inverse of addition (*level 2 extrapolated up to level 3*)
3b			1				3	derive associated division facts from known multiplication facts
4		2					3	begin to use decimal notation in contexts such as money
5a					1		3	use standard units of time
5b						1	3	extract and interpret information presented in simple tables
6				1			4	use their own strategies within mathematics and in applying mathematics to practical contexts
7				1			4	develop own strategies for solving problems
8			1				4	solve problems with or without a calculator
9					2		4	find areas by counting squares
10			1				5	solve simple problems involving ratio and direct proportion
11				1			3	select the mathematics they use in a wider range of classroom activities
12a			1				2	use the knowledge that subtraction is the inverse of addition
12b			1				3	use mental recall of addition and subtraction facts to 20
13					1		4	find areas by counting squares
14a		1					2	understand place value in numbers to 1000 (*level 3 extrapolated down to level 2*)
14b		1					3	understand place value in numbers to 1000
15			2				3	derive associated division facts from known multiplication facts
16a						1	3	extract and interpret information presented in simple tables
16b					1		3	use standard units of time
17			1				3	add and subtract two-digit numbers mentally
18a	1						3	begin to understand the role of '=' (the 'equals' sign)
18b			1				4	use efficient written methods of addition and subtraction
19			2				4	solve problems with or without a calculator
20		1					4	use place value to multiply and divide whole numbers by 10 or 100
21	2						5	construct, express in symbolic form, and use simple formulae involving one or two operations
22		1					4	order fractions (*level 5 extrapolated down to level 4*)
23					1		4	use standard units of time (*level 3 extrapolated up to level 4*)
24		2					5	recognise and use number … relationships
25		1					4	recognise approximate proportions of a whole and use simple fractions … to describe these
26					2		3	classify … 2-D shapes in various ways using mathematical properties such as reflective symmetry
27			1				4	use efficient written methods of … short multiplication
28						1	4	interpret … simple line graphs

Continued....

GL assessment
the measure of potential

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Question	A	N	C	U	S	H	Level	Assessment Focuses
29		1					4	recognise approximate proportions of a whole and use simple fractions and percentages to describe these
30					1		4	use appropriate units
31			1				5	solve simple problems involving ratio and direct proportion

A: Algebra
N: Numbers and the number system
C: Calculating
U: Using and applying mathematics
S: Shape, space and measures
H: Handling data