

Robyn Bennett

Date of birth	: 27 March 1999
Gender	: Female
Group membership	: Ma8-H1
Test date	: 23 November 2011
Raw score	: 10 out of 15
Number not attempted	: 0
Method correct	: n/a%
Overall correct	: 67%

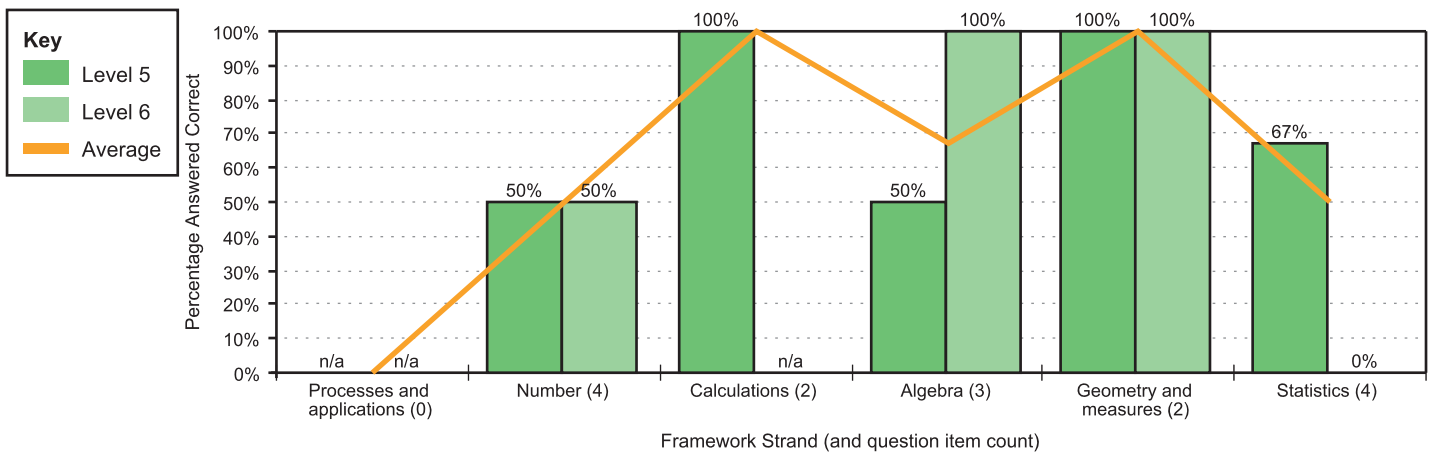
Alfie Judgement [and APS] : Level 6B [39]

Using ARA Attainment Target based weightings and level of difficulty for each question in this test only.

Processes and applications	: n/a
Number	: Level 5
Calculations	: Level 5
Algebra	: Level 5
Geometry and measures	: Level 6
Statistics	: Level 5

n/a indicates insufficient question items to calculate Levels.

Curricular comparison by level



Strengths

Within this assessment, Robyn has indicated a good knowledge of Calculations and shown that she knows:

- how to add, subtract & find equivalent fractions and convert a simple fraction to a decimal
- how to calculate any number, multiply or divide by powers of 10 and find prime factor decompositions
- how to leverage integer & place value knowledge with the concepts & vocabulary of factors & prime numbers
- how to look at data to find patterns and exceptions
- how to recall and use properties of angles at a point and on a straight line
- how to recognise, visualise & construct enlargements of shapes by different scale factors
- how to simplify, order & compare fractions and explain how you do it
- how to use & adapt formulae from maths & other subjects

Next steps

The responses within this assessment suggest Robyn should explore:

- why percentage means 'parts per 100' and use this to compare proportions
- how to write a ratio in its simplest form, and how this links with writing fractions
- how to understand & use estimates or measures of probability from theoretical models
- how to make graphs, charts & diagrams to display your data

Robyn has achieved an overall level of 6B within this assessment and indicated that she has a good knowledge of Calculations. However, an understanding of Statistics needs to be developed if she is to improve her overall attainment.

#	Item comparison for Robyn Bennett	Key stage	Level	Framework Strand	Marks Available	Method Marks Scored	Total Marks Scored	Duration (secs)
A-1	Which of the angles measures 120°?	3	5	G	1	-	1	20.1
A-2	Use the results to decide what angle A is most likely to measure.	3	5	S	1	-	1	79.4
A-3	Use the probabilities to work out how many bags of chicken crisps	3	5	S	1	-	0	82
A-4	What is the median shoe size in Sita's family?	3	5	S	1	-	1	67.5
A-5	Complete the grid, then give the answer below.	3	5	C	1	-	1	207.4
A-6	Type two different pairs of prime numbers that sum to 16	3	5	N	1	-	1	93.3
A-7	Select the correct statement.	3	5	C	1	-	1	62.1
A-8	How much is 17% of £3275?	3	5	N	1	-	0	196.2
A-9	Which algebraic expression has the same value as $3c - 2b$?	3	5	A	1	-	1	176.3
A-10	What is the correct meaning of the equation below?	3	5	A	1	-	0	29.4
A-11	On a pie chart, what would the angle be for the sector 'Newspapers'	3	6	S	1	-	0	113
A-12	Rearrange the equation	3	6	A	1	-	1	62.9
A-13	For the sequence below select if it is increasing, decreasing or	3	6	N	1	-	1	15.8
A-14	What percentage of the design is black?	3	6	N	1	-	0	31
A-15	Select an enlargement of scale factor 2 of the arrow.	3	6	G	1	-	1	54.9
Total Duration (mins)								21.5

Framework Strands Key: P=Processes and applications N=Number C=Calculations A=Algebra G=Geometry and measures S=Statistics