



Individual Student Report for Professionals  
Core Skills Profile for Adults

<b>Username:</b> rzcwhmmg		<b>Date:</b> 23 October 2015
<b>Name:</b> Sample Reports		<b>Student ID:</b> N/A
<b>Skill:</b> Numeracy		<b>Group:</b> Demo items
<b>Summary</b>	<b>Scale score estimate:</b> 121	<b>ACSF level estimate:</b> working at level 4 / exit level 3

Question responses				
No.	Description. The learner can	Area**	Result	ACSF
1.	use rate and distance to calculate cost of a journey.	N & A	✓	3.09, 3.10
2.	identify formula for relationship between fixed and variable costs.	N & A	✓	4.09, 4.10
3.	read and interpret minimum value in a table.	S & P	✓	2.09, 2.10
4.	read and interpret values and trends in a table.	S & P	✓	2.09, 2.10, 2.11
5.	calculate and compare mean and median values in a table.	S & P	✓	4.09, 4.10, 4.11
6.	compare paper measurements with envelope sizes.	M & G	✓	3.09, 3.10
7.	calculate range for a measurement given allowable percentage error.	N & A	✓	4.09, 4.10
8.	identify dimensions of folded paper.	M & G	✓	3.09, 3.10
9.	categorise data using a range.	N & A	✓	2.09, 2.10
10.	calculate number of units in an adjusted interval using rate.	M & G	✓	2.09, 2.10
11.	identify object in an area using one cardinal point.	M & G	✓	3.09, 3.10
12.	calculate total volume of five prisms using a scale.	M & G	✓	4.09, 4.10
13.	calculate percentage of a given value.	N & A	✓	3.09, 3.10
14.	use a formula to calculate a variable.	N & A	✗	4.09, 4.10, 4.11
15.	interpret significance of variables in a formula.	N & A	✗	5.09, 5.10
16.	interpret instructions and data to find a total value.	N & A	✓	3.09, 3.10
17.	find values in a table and use them to calculate a percentage.	S & P	✗	3.09, 3.10
18.	interpret data to verify statements.	S & P	✗	5.09, 5.10
19.	calculate difference in times over common distance given speeds.	M & G	✗	4.09, 4.10
20.	calculate percentage to find effect of an increase in a cost structure.	N & A	✗	4.09, 4.10
21.	use percentage value to calculate a total.	N & A	✗	4.09, 4.10
22.	use proportional reasoning and conversion to calculate value.	N & A	✓	4.09, 4.10
23.	identify fractional equivalent to non-routine percentage.	N & A	✓	4.09, 4.10
24.	calculate an equivalence for a percentage.	N & A	✓	3.09, 2.10
25.	find information in a table and use it to perform a calculation.	N & A	✓	3.09, 4.10

\* N/A: Not attempted

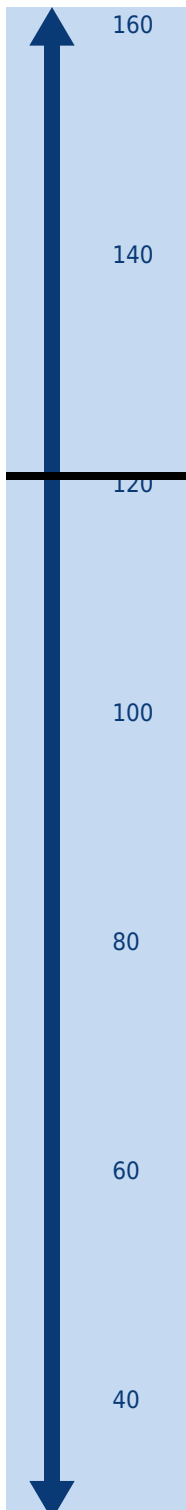
\*\* N & A: Number and algebra; S & P: Statistics and probability; M & G: Measurement and geometry;



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**Scale score**



**Numeracy Ability Description**

**L4:** Learners are likely to be able to extract, evaluate and use the mathematical information embedded in a range of activities, including to:

- use and calculate with fractions, decimal fractions, percentages, signed numbers and numbers in index form;
- use and apply ratio, rates and proportion;
- use angle properties, symmetry and similarity;
- estimate and accurately measure including using routine formulae and convert between metric units;
- collect, represent, summarise and interpret a range of data;
- use, calculate with and interpret information based on maps including scales, bearings, distances, speed and time;
- develop, interpret and use simple formulae and algebra.

**Estimated ACSF Level**

