
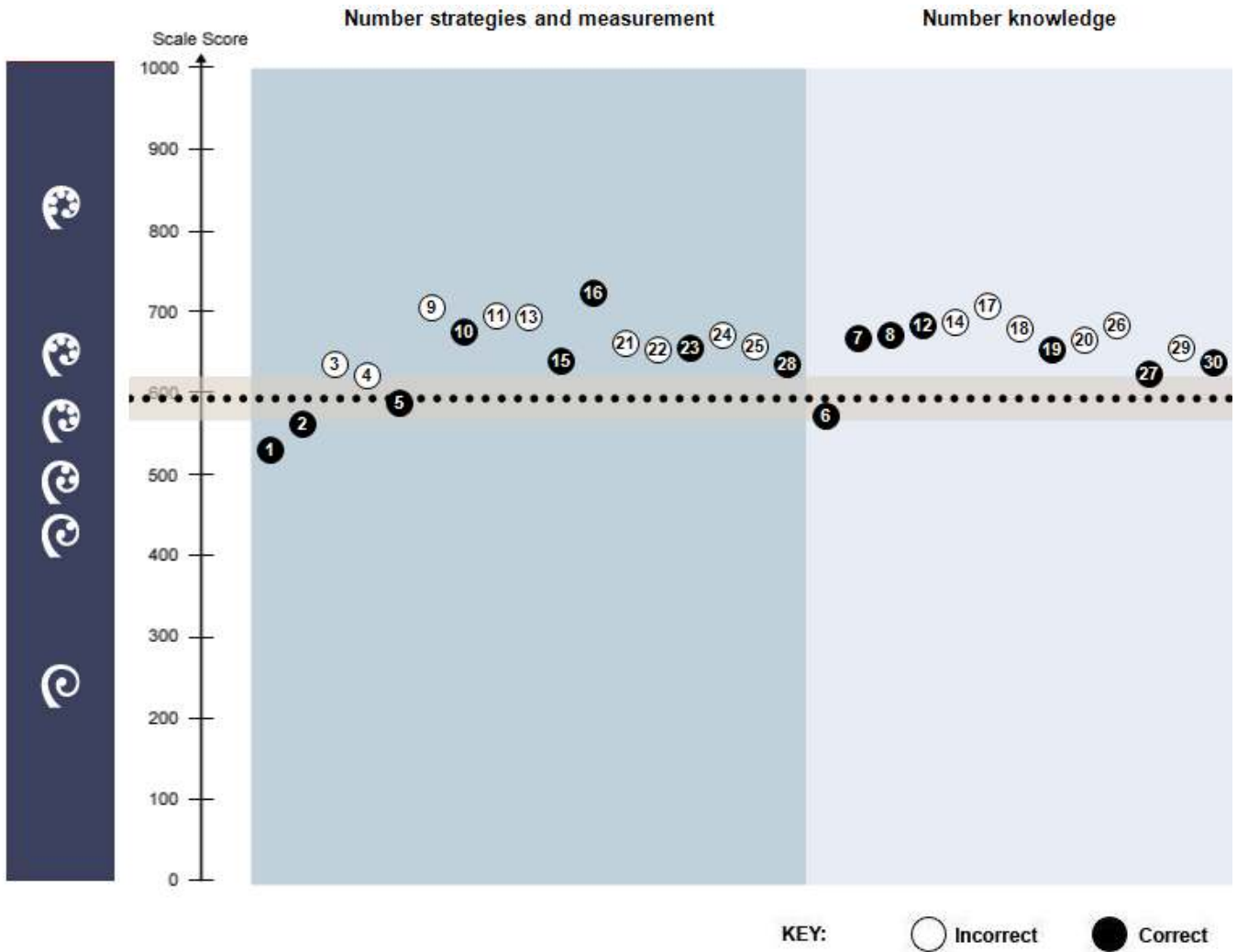


# Learner Assessment Report, Numeracy

## Numeracy print demo

LEARNER	SCALE SCORE	STEP	ASSESSMENT DATE
Collier, Riley	596 +/- 27	Step 4 	5 March 2010



## Assessment Questions

No.	Question	Intent	Progression	Result
1	Florist	Select the answer for calculating a fraction of a whole number amount in a context.	Proportional reasoning strategies	Correct
2	Fruit sales 3 (Q.1)	Select total for purchase of whole kg amounts of goods worth less than \$20 per kg and expressed in dollars and cents with access to a calculator.	Multiplicative strategies	Correct
3	Fruit sales 3 (Q.2)	Calculate total for purchase of a half and a quarter kg of goods worth less than \$20 per kg and expressed in dollars and cents with access to a calculator.	Multiplicative strategies	Incorrect
4	OIRri trainees I	Select a method that will allow the correct calculation of a percentage in context.	Multiplicative strategies	Incorrect
5	Airport luggage	Select the appropriate unit of measurement for the weight of a piece of luggage.	Measurement	Correct
6	Water in an earthquake (Q.1)	Multiply a 4-digit number by 10.	Number facts	Correct
7	Water in an earthquake (Q.2)	Divide a 5-digit number by 100.	Place value	Correct
8	Convert fraction to decimal - A	Identify the decimal conversion of a given fraction described in fifths.	Number facts	Correct
9	Tiling a floor area – total tiles	Calculate how many tiles of a given area fit within a given floor area.	Measurement	Incorrect
10	Adding decimals 2	Select reason for error made in data entry for the addition of three decimal fractions (monetary amounts) on a calculator.	Additive strategies	Correct
11	Tiling shapes 2	Measure area using whole numbers and halves of non-standard units.	Measurement	Incorrect
12	Fraction percents	Select a fraction in the fifths that equals a given percentage.	Number facts	Correct

No.	Question	Intent	Progression	Result
13	Giving out pieces of cake	Find how many fractional parts in a quantity.	Proportional reasoning strategies	Incorrect
14	Fraction number sequence 2	Compare a set of fractions, decimals and percentages and identify the one closest to a given percentage.	Number sequence	Incorrect
15	Cooking cups 2 (Q.1)	Write the ratio of two amounts in its simplest form.	Proportional reasoning strategies	Correct
16	Cooking cups 2 (Q.2)	Write the ratio of three amounts in its simplest form.	Proportional reasoning strategies	Correct
17	Rounding numbers – nearest hundredth	Select the number that rounds a given decimal number to the nearest hundredth.	Place value	Incorrect
18	Dewey 1 (Q.1)	Select the answer to a sequence of decimal numbers to two decimal places.	Number sequence	Incorrect
19	Dewey 1 (Q.2)	Select the answer to a sequence of decimal numbers to one decimal place.	Number sequence	Correct
20	Percents and decimals 1	Convert a percentage less than 10% to a decimal number.	Place value	Incorrect
21	Buying petrol 3 (Q.1)	Find the difference in price when two items are written to tenths of a cents.	Additive strategies	Incorrect
22	Buying petrol 3 (Q.2)	Select calculator process to subtract a whole number of cents from a price given to tenths of a cents.	Additive strategies	Incorrect
23	Top quality avocados	Select a percentage that reflects a given proportion of two simple multiples of 1,000.	Proportional reasoning strategies	Correct
24	Parcel Post 3	Convert mm to m.	Measurement	Incorrect
25	Bricks 2	Select the metric dimensions closest to imperial dimensions given conversion factor, with access to calculator.	Measurement	Incorrect
26	Next decimal / percentage number 1 (Q.1)	Select the next lowest number in a set of decimal and percentage numbers.	Number sequence	Incorrect

No.	Question	Intent	Progression	Result
27	Next decimal / percentage number 1 (Q.2)	Select the next highest number in a set of decimal and percentage numbers.	Number sequence	Correct
28	Soft drink bottles	Select the answer to a problem involving proportional reasoning and multiplication and division by single digits.	Proportional reasoning strategies	Correct
29	Multiplication of hundreds 1	Select the number which multiplies two given numbers written in the hundreds.	Number facts	Incorrect
30	Festival 3	Calculate how many \$100s in a number in its hundreds of thousands of dollars.	Place value	Correct