
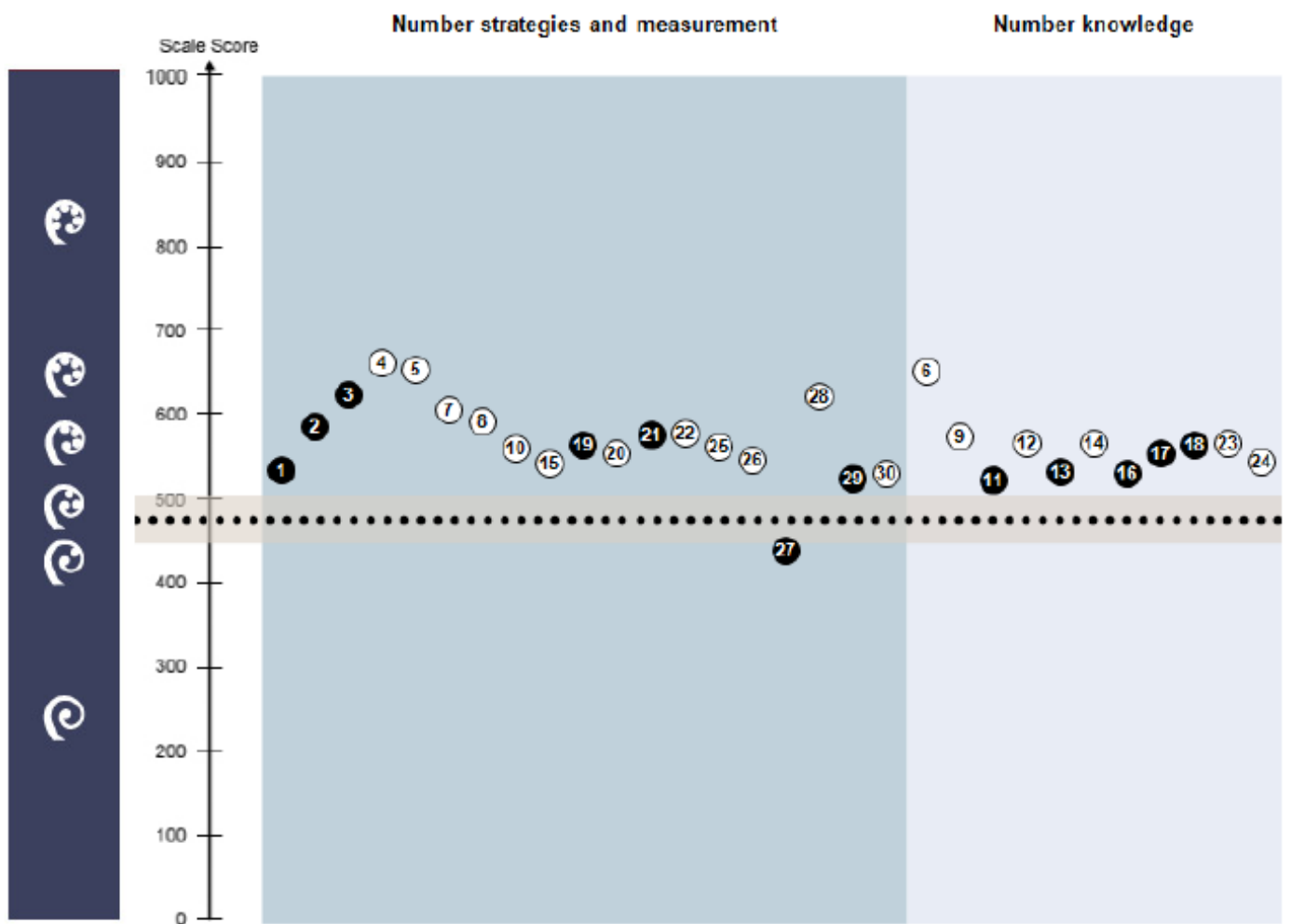


Learner Assessment Report, Numeracy

LEARNER	SCALE SCORE	STEP	ASSESSMENT DATE
	478 +/- 28	Step 3 	13 May 2010



KEY:  Incorrect  Correct

Assessment Questions

No.	Question	Intent	Progression	Result
1	Weekly pay – kindergarten	Calculate the multiplication of two decimal numbers.	Multiplicative strategies	Correct
2	Train time 1	Work out time lapsed between a digital time and an analogue time.	Measurement	Correct
3	Parquet flooring	Use a benchmark to measure length.	Measurement	Correct
4	Buying petrol 3 (Q.1)	Find the difference in price when two items are written to tenths of a cents.	Additive strategies	Incorrect
5	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
6	Car paint	Select decimal lengths to 2 decimal places that fall outside a given range.	Number sequence	Incorrect
7	Poster enlargement 1	Work out the missing dimension in one picture which is an enlargement of another one when they are linked by a simple basic facts relationship.	Proportional reasoning strategies	Incorrect
8	Packing kiwifruit 3	Convert from a metric to imperial measure.	Measurement	Incorrect
9	Temperature limit 2	Work out how much a given decimal number must increase by to reach a higher given whole number.	Number sequence	Incorrect
10	Kitchen units 2	Calculate a subtraction involving a number of multi-digit whole numbers.	Additive strategies	Incorrect
11	Extra serves	Select the division of a two digit number by a one digit number.	Number facts	Correct
12	Composing decimals 3	Write number with a given number of hundredths and thousandths.	Place value	Incorrect
13	Punnets of seedlings	Calculate a single digit division problem.	Number facts	Correct

No.	Question	Intent	Progression	Result
14	Buying a car – total cost	Calculate the multiple of a number in the tens and a number in the hundreds.	Number facts	Incorrect
15	Cleaning beds in hospital	Select the division of a 3 digit number by a 2 digit number.	Multiplicative strategies	Incorrect
16	Laying bricks 2	Work out how many 100s in 3,500.	Place value	Correct
17	Within range 3	Select whole numbers that are within a given range.	Number sequence	Correct
18	Ten trip tickets	Divide a decimal number by 10.	Place value	Correct
19	Percentage of a whole number	Select the percentage of a given two digit whole number.	Multiplicative strategies	Correct
20	Meaning of multiplication 2	Select a partitioning strategy to solve a 2-digit by 1-digit multiplication.	Multiplicative strategies	Incorrect
21	Export quality avocados	Calculate three quarters of a given number.	Proportional reasoning strategies	Correct
22	Milk for coffees	Calculate the product of three values given in a context.	Proportional reasoning strategies	Incorrect
23	Place value tens	Select how many tens in a given number.	Place value	Incorrect
24	Subtraction to 7	Identify basic subtraction facts.	Number facts	Incorrect
25	Tiling shapes	Measure area using whole numbers of non-standard units.	Measurement	Incorrect
26	Saving for a holiday	Calculate the division of two multi-digit whole numbers.	Multiplicative strategies	Incorrect
27	Housing loan (Q.1)	Select value of loan given 6-digit cost and 5-digit deposit.	Additive strategies	Correct
28	Housing loan (Q.2)	Calculate 10% of a 6-digit number with access to a calculator.	Proportional reasoning strategies	Incorrect
29	Lengths 1	Select common object most likely to have given length in mm.	Measurement	Correct
30	Florist	Select the answer for calculating a fraction of a whole number amount in a context.	Proportional reasoning strategies	Incorrect