

# LITERACY AND NUMERACY ASSESSMENT (LANA)

## YEAR 8 NUMERACY ASSESSMENT

### (SAMPLE TEST) ANSWER KEY

Question Number	Correct Responses	Outcome
1	C	Determines the simplest forms of fractions.
2	B	Solves simple word problems.
3	A	Can solve simple problem involving weights.
4	C	Calculates area of a shape from a square grid.
5	B	Can determine smallest fraction from a set.
6	B	Understands the concept of a balance scale.
7	B	Identifies errors in number patterns.
8	C	Adds decimals up to 2 places.
9	B	Solves simple problems involving multiplication of decimals.
10	D	Understands the concept of equivalent fraction.
11	C	Understands sharing with numbers.
12	B	Identifies the value of a fraction from a diagram.
13	B	Can mark a fraction on a number line.
14	B	Understands lowest common multiple.
15	C	Understands place value up to 100 000.
16	A	Calculates expression involving indices.
17	B	Converts analogue time to digital time.
18	C	Converts fraction to a percentage.
19	D	Totals shopping bills and calculates change.
20	D	Can write 5 digit numbers.
21	B	Marks fraction on a number line.
22	D	Can calculate expression involving indices.
23	A	Solves problems involving division of money.
24	B	Understands the concept of calculating the area of triangle.
25	A	Identifies a parallelogram.
26	B	Solves simple problems involving fraction.
27	D	Calculates time in minutes between 2 given time.
28	B	Converts 12 hour time to 24 hour time.
29	B	Can work out percentage.
30	D	Can identify prime factors.
31	A	Calculates speed given distance and time.
32	A	Can construct a rectangular prism.
33	D	Writes an improper fraction as a mixed fraction.
34	B	Determines the coordinates of a point in 2 dimensions.
35	C	Works out probability of an event.
36	A	Evaluates simple algebraic expression.

37	B	Solves problems involving speed.
38	D	Can work out the perimeter of a rectangle using the perimeter of a square.
39	C	Solves simple problem involving addition of decimals.
40	B	Knows that the area of a triangle is half the area of its corresponding rectangle.
41	D	Solves word problems involving calculation of area.
42	A	Can tell time using an analogue clock.
43	A	Solves problems involving volumes.
44	B	Solves complex multiplication problem.
45	B	Totals shopping bills and calculates change.
46	A	Solves simple problems involving addition.
47	C	Knows parts of a circle.
48	C	Can work out percentage profit.
49	A	Identifies correct unit of measure.
50	A	Solves problems involving percentage.
51	B	Can interpret a table.
52	D	Calculates area of an irregular object.
53	C	Calculates total distance given part of a distance.
54	B	Can identify prime numbers.
55	D	Can interpret a graph.
56	D	Can identify the largest fraction.
57	D	Solves complex word problem involving two operations.
58	B	Calculates area of square with decimal length.
59	B	Can interpret a bar graph.
60	B	Can interpret information from a table.