

## Year 7 Numeracy (Calculator)

Question number	Short description	Correct answer	Curriculum Area	Skill assessed
1	Use information in the graph	40	M	Interpret data shown in graphical and tabular form
2	Which number is 4076	D	N	Identify written form of integers greater than 1000
3	Which picture shows a card open	B	S	Recognise angle of approximately 45 degrees
4	What was the average time	B	M	Calculate and interpret mean
5	Which number is halfway	C	N	Perform computations involving fractions
6	Which diagram is the net	A	S	Represent 3D objects using nets
7	Which parking space is this	B	S	Specify location and describe routes using left and right
8	How far did she ride	C	N	Calculate and use constant rates
9	How many different ways	C	M	List outcome space for compound events
10	Which two drawings	D	S	Identify congruence from isometric drawings
11	How many litres would the car	20	N	Calculate and use constant rates

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12	What does it look like after a	B	S	Apply transformations in the plane
13	What is the height of the map	B	S	Apply properties of enlargement from a fixed point
14	How long is her rope	150 cm	N	Perform computation involving fractions
15	The fraction of students	D	N	Perform approximation involving proportions
16	What is the area	C	M	Estimate and measure area
17	How many grams of cherries	D	M	Convert between metric units of mass
18	How many hours and minutes	B	M	Estimate and measure time intervals
19	Which one of these	C	S	Identify and recognise properties of 2D shape
20	What is the chance of Miki	C	M	Calculate probability for chance outcomes
21	How many sheets of cardboard	380	N	Divide by a decimal fraction
22	What is the perimeter of shape	C	M	Estimate and measure perimeter
23	Which object has exactly twice	B	S	Identify properties of 3D objects
24	What percentage decrease	A	N	Perform computations involving percentages
25	Which mountain is Anna facing	A	S	Use bearings to specify location and direction
26	What is the value of x	C	S	Apply angle properties of polygon
27	How many litres of water	47.5 litres	N	Calculate and use constant rates
28	How many girls at the concert	A	N	Perform computation involving ratio
29	How many comedy DVDs	B	N	Perform computation involving percentages
30	What is the total area	46 m <sup>2</sup>	M	Calculate surface area of prisms
31	1 kilometre and 40 metres	B	M	Convert between metric units of length
32	The shortest distance	C	S	Use scale to calculate distance Y