Quest

Spring term assessment content domain coverage
Year 3 Mathematical reasoning

Assessment overview

Content domain	Total
Number and place value	2
Addition, subtraction, multiplication and division (calculations)	13
Fractions, decimals and percentages	9
Measurement	6
Geometry – properties of shapes	0
Geometry – position and direction	0
Statistics	0

Question breakdown

Q	Reference	
1	3M1a	compare lengths (m / cm / mm)
2	3F3	compare and order unit fractions and fractions with the same denominators
3	3F1b	recognise, find and write fractions of a discrete set of objects
4	3F1c	use fractions as numbers: non-unit fractions with small denominators
5	3C6	use multiplication and division facts for the 3, 4 and 8 multiplication tables
6	3C8	solve problems involving multiplication and division
7	3F1a	recognise that tenths arise from dividing an object into 10 equal parts
8	3N3	recognise the place value of each digit in a three-digit number
9	3C7	write and calculate mathematical statements for multiplication and division
10	3C6	use multiplication and division facts for the 3, 4 and 8 multiplication tables
11	3M2c	measure volume / capacity
12	3M2c	measure volume / capacity
13	3M9d	add and subtract volume / capacity
14	3N1b	count from 0 in multiples of 4, 8, 50 and 100
15	3C4	solve problems using number facts, place value, and addition and subtraction
16	3C7	write and calculate mathematical statements for multiplication and division
17	3C4	solve problems using number facts, place value, and addition and subtraction
18	3M7	measure the perimeter of simple 2–D shapes
19	3C7	write and calculate mathematical statements for multiplication and division
20	3F2	recognise and show equivalent fractions with small denominators

Q	Reference	
21	3F3	compare and order unit fractions and fractions with the same denominators
22	3M7	measure the perimeter of simple 2–D shapes
23	3C4	solve problems using number facts, place value, and addition and subtraction
24	3C8	solve problems involving multiplication and division
25	3C4	solve problems using number facts, place value, and addition and subtraction
26	3C6	use multiplication and division facts for the 3, 4 and 8 multiplication tables
27	3F2	recognise and show equivalent fractions with small denominators
28	3F2	recognise and show equivalent fractions with small denominators
29	3F3	compare and order unit fractions and fractions with the same denominators
30	3C8	solve problems involving multiplication and division