

Spring term assessment content domain coverage

Year 4 Mathematical reasoning

Assessment overview

Content domain	Total
Number and place value	3
Addition, subtraction, multiplication and division (calculations)	12
Fractions, decimals and percentages	9
Measurement	6
Geometry – properties of shapes	0
Geometry – position and direction	0
Statistics	0



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Question breakdown

Q	Reference	
1	4N2a	order and compare numbers beyond 1,000
2	4N1	count in multiples of 6, 7, 9, 25 and 1,000
3	4F4	add and subtract fractions with the same denominator
4	4F4	add and subtract fractions with the same denominator
5	4F6b	recognise and write decimal equivalents of any number of tenths or hundredths
6	4C6a	recall multiplication and division facts for multiplication tables up to 12 × 12
7	4C6b	use known and derived facts to multiply and divide mentally
8	4C2	add and subtract numbers with up to 4 digits
9	4M5	convert between different units of measurement
10	4C4	solve addition and subtraction two-step problems in contexts
11	4M7a	measure and calculate the perimeter of a rectilinear figure
12	4M5	convert between different units of measurement
13	4F9	find the effect of dividing a one- or two-digit number by 10 and 100
14	4M7a	measure and calculate the perimeter of a rectilinear figure
15	4M7a	measure and calculate the perimeter of a rectilinear figure
16	4C2	add and subtract numbers with up to 4 digits
17	4F6b	recognise and write decimal equivalents of any number of tenths or hundredths
18	4C4	solve addition and subtraction two-step problems in contexts
19	4C7	multiply two-digit and three-digit numbers by a one-digit number
20	4C8	solve problems involving multiplying and adding

Q	Reference	
21	4F10a	solve problems involving increasingly hard fractions to calculate quantities
22	4M5	convert between different units of measurement
23	4C7	multiply two-digit and three-digit numbers by a one-digit number
24	4C7	multiply two-digit and three-digit numbers by a one-digit number
25	4C6b	use known and derived facts to multiply and divide mentally
26	4N6	solve number and practical problems that involve 4N1–4N5
27	4F10a	solve problems involving increasingly hard fractions to calculate quantities
28	4F2	recognise and show, using diagrams, families of common equivalent fractions
29	4F9	find the effect of dividing a one- or two-digit number by 10 and 100
30	4C8	solve problems involving multiplying and adding