Quest

End of year assessment content domain coverage
Year 6 Arithmetic

Assessment overview

Content domain	Total
Number and place value	1
Addition, subtraction, multiplication and division (calculations)	16
Fractions, decimals and percentages	16
Ratio and proportion	3

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Question breakdown

Q	Reference	
1	6C8	solve problems involving addition, subtraction, multiplication and division
2	3F4	add and subtract fractions with the same denominator within one whole
3	5N6	solve number problems and practical problems that involve 5N1–5N5
4	4C6c	recognise and use factor pairs and commutativity in mental calculations
5	6C4	solve addition and subtraction multi-step problems
6	6C8	solve problems involving addition, subtraction, multiplication and division
7	6F9a	multiply and divide numbers by 10, 100 and 1,000
8	4C2	add and subtract numbers with up to 4 digits
9	6C9	use the order of operations to carry out calculations involving the four operations
10	6C8	solve problems involving addition, subtraction, multiplication and division
11	6F5a	multiply simple pairs of proper fractions
12	5F10	solve problems involving numbers up to three decimal places
13	4C7	multiply two-digit and three-digit numbers by a one-digit number
14	5C6b	multiply and divide whole numbers and those involving decimals by powers of 10
15	6F4	add and subtract fractions with different denominators and mixed numbers
16	5F10	solve problems involving numbers up to three decimal places
17	6F9b	multiply one-digit numbers with up to two decimal places by whole numbers
18	6C7b	divide numbers up to 4 digits by a two-digit whole number
19	5F4	add and subtract fractions with denominators that are multiples
20	6R2	solve problems involving the calculation of percentages

Q	Reference	
21	6F9c	use written division in cases where the answer has up to two decimal places
22	6R2	solve problems involving the calculation of percentages
23	6C9	use the order of operations to carry out calculations involving the four operations
24	5F5	multiply proper fractions and mixed numbers by whole numbers
25	6F4	add and subtract fractions with different denominators and mixed numbers
26	5F5	multiply proper fractions and mixed numbers by whole numbers
27	6F4	add and subtract fractions with different denominators and mixed numbers
28	6R2	solve problems involving the calculation of percentages
29	6C7b	divide numbers up to 4 digits by a two-digit whole number
30	6C9	use the order of operations to carry out calculations involving the four operations
31	6F5b	divide proper fractions by whole numbers [e.g. 1/3 ÷ 2 = 1/6]
32	6C7a	multiply multi-digit numbers up to 4 digits by a two-digit whole number
33	6F9b	multiply one-digit numbers with up to two decimal places by whole numbers
34	5F5	multiply proper fractions and mixed numbers by whole numbers
35	6C9	use the order of operations to carry out calculations involving the four operations
36	6C7b	divide numbers up to 4 digits by a two-digit whole number