




















Test A Overview: Year 6

STUDENT PROFILE

Name: _____ Class: _____ Year: _____

Test Question	AC Strand/Sub-strand/Content description/Code	Relates to Units
Q1	Number and Algebra <i>Patterns and algebra</i> Explore the use of brackets and order of operations to write number sentences (ACMNA134) 	Unit 1 Place Value
Q2	Number and Algebra <i>Number and place value</i> Investigate everyday situations that use integers. Locate and represent these numbers on a number line (ACMNA124) 	Unit 2 All Four Operations
Q3	Number and Algebra <i>Number and place value</i> Investigate everyday situations that use integers. Locate and represent these numbers on a number line (ACMNA124) 	Unit 3 Integers
Q4	Number and Algebra <i>Fractions and decimals</i> Compare fractions with related denominators and locate and represent them on a number line (ACMNA125) 	Unit 17 Fractions
Q5	Number and Algebra <i>Fractions and decimals</i> Solve problems involving addition and subtraction of fractions with the same or related denominators (ACMNA126) 	Unit 23 Addition of Fractions
Q6	Number and Algebra <i>Fractions and decimals</i> Solve problems involving addition and subtraction of fractions with the same or related denominators (ACMNA126) 	Unit 24 Subtraction of Fractions
Q7	Number and Algebra <i>Fractions and decimals</i> Find a simple fraction of a quantity where the result is a whole number, with and without digital technologies (ACMNA127) 	Unit 27 Fraction of a Quantity
Q8	Number and Algebra <i>Fractions and decimals</i> Add and subtract decimals, with and without digital technologies, and use estimation and rounding to check the reasonableness of answers (ACMNA128) 	Unit 14 Addition and Subtraction of Decimals
Q9	Number and Algebra <i>Fractions and decimals</i> Add and subtract decimals, with and without digital technologies, and use estimation and rounding to check the reasonableness of answers (ACMNA128) 	Unit 14 Addition and Subtraction of Decimals

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Q10	Number and Algebra <i>Fractions and decimals</i> Add and subtract decimals, with and without digital technologies, and use estimation and rounding to check the reasonableness of answers (ACMNA128) 	Unit 14 Addition and Subtraction of Decimals
Q11	Number and Algebra <i>Fractions and decimals</i> Multiply decimals by whole numbers and perform divisions by nonzero whole numbers where the results are terminating decimals, with and without digital technologies (ACMNA129)  Number and Algebra <i>Fractions and decimals</i> Multiply and divide decimals by powers of 10 (ACMNA130) 	Unit 15 Multiplication of Decimals
Q12	Number and Algebra <i>Number and place value</i> Investigate everyday situations that use integers. Locate and represent these numbers on a number line (ACMNA124) 	Unit 2 All Four Operations
Q13	Number and Algebra <i>Fractions and decimals</i> Multiply decimals by whole numbers and perform divisions by nonzero whole numbers where the results are terminating decimals, with and without digital technologies (ACMNA129) 	Unit 12 Decimal Representations of the Metric System Unit 15 Multiplication of Decimals
Q14	Number and Algebra <i>Fractions and decimals</i> Multiply and divide decimals by powers of 10 (ACMNA130) 	Unit 12 Decimal Representations of the Metric System
Q15	Number and Algebra <i>Fractions and decimals</i> Make connections between equivalent fractions, decimals and percentages (ACMNA131) 	Unit 14 Addition and Subtraction of Decimals
Q16	Number and Algebra <i>Fractions and decimals</i> Make connections between equivalent fractions, decimals and percentages (ACMNA131) 	Unit 28 Fractions, Decimals and Percentages
Q17	Number and Algebra <i>Money and financial mathematics</i> Investigate and calculate percentage discounts of 10%, 25% and 50% on sale items, with and without digital technologies (ACMNA132) 	Unit 31 Percentage Discounts
Q18	Number and Algebra <i>Patterns and algebra</i> Explore the use of brackets and order of operations to write number sentences (ACMNA134) 	Unit 2 All Four Operations

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Q19	Measurement and Geometry <i>Using units of measurement</i> Connect decimal representations to the metric system (ACMMG135) AC Measurement and Geometry <i>Using units of measurement</i> Solve problems involving the comparison of lengths and areas using appropriate units (ACMMG137) AC	Unit 4 Area and Perimeter
Q20	Measurement and Geometry <i>Using units of measurement</i> Solve problems involving the comparison of lengths and areas using appropriate units (ACMMG137) AC	Unit 4 Area and Perimeter
Q21	Measurement and Geometry <i>Using units of measurement</i> Interpret and use timetables (ACMMG139) AC	Unit 26 Timetables
Q22	Measurement and Geometry <i>Location and transformation</i> Investigate combinations of translations, reflections and rotations, with and without the use of digital technologies (ACMMG142) AC	Unit 32 Transformations
Q23	Measurement and Geometry <i>Location and transformation</i> Introduce the Cartesian coordinate system using all four quadrants (ACMMG143) AC	Unit 11 Cartesian System
Q24	Measurement and Geometry <i>Geometric reasoning</i> Investigate, with and without digital technologies, angles on a straight line, angles at a point and vertically opposite angles. Use results to find unknown angles (ACMMG141) AC	Unit 22 Angles
Q25	Statistics and Probability <i>Chance</i> Describe probabilities using fractions, decimals and percentages (ACMSP144) AC	Unit 19 Chance
Q26	Statistics and Probability <i>Data representation and interpretation</i> Interpret and compare a range of data displays, including side-by-side column graphs for two categorical variables (ACMSP147) AC	Unit 29 Data Displays
Q27	Statistics and Probability <i>Chance</i> Conduct chance experiments with both small and large numbers of trials using appropriate digital technologies (ACMSP145) AC Statistics and Probability <i>Chance</i> Compare observed frequencies across experiments with expected frequencies (ACMSP146) AC	Unit 20 Collecting Data