

**Virginia Standards of Learning Assessments
Grade 5 Mathematics Performance Level Descriptors
Detailed**

Performance Level	Descriptor
Pass/Advanced	The student demonstrates exceptional and consistent attainment of the knowledge and skills necessary to apply key curriculum concepts such as: understanding decimal place value through thousandths; ordering a set of decimals and fractions; estimating and solving whole number and decimal problems using the four basic operations; estimating and solving fraction problems using addition and subtraction; choosing an appropriate tool and unit for measurement; determining elapsed time; identifying, measuring, and classifying angles and triangles; analyzing and comparing properties and transformations of plane figures and properties of solid geometric figures; organizing data in a variety of formats to interpret results, draw conclusions, and make predictions; representing the probability of a single event with fractions or decimals; showing the relationship of numerical and geometric patterns using words, tables, graphs, and mathematical sentences; and using variables to write an expression or an open sentence that represents a given mathematical relationship.
Pass/Proficient	The student demonstrates satisfactory attainment of the knowledge and skills necessary to apply key curriculum concepts such as: understanding decimal place value through thousandths; ordering a set of decimals and fractions; estimating and solving whole number and decimal problems using the four basic operations; estimating and solving fraction problems using addition and subtraction; choosing an appropriate tool and unit for measurement; determining elapsed time; identifying, measuring, and classifying angles and triangles; analyzing and comparing properties and transformations of plane figures and properties of solid geometric figures; organizing data in a variety of formats to interpret results, draw conclusions, and make predictions; representing the probability of a single event with fractions or decimals; showing the relationship of numerical and geometric patterns using words, tables, graphs, and mathematical sentences; and using variables to write an expression or an open sentence that represents a given mathematical relationship.
Fail/Basic	The student demonstrates inconsistent attainment of the fundamental knowledge and skills necessary to apply key curriculum concepts such as: understanding decimal place value through thousandths; ordering a set of decimals and fractions; estimating and solving whole number and decimal problems using the four basic operations; estimating and solving fraction problems using addition and subtraction; choosing an appropriate tool and unit for measurement; determining elapsed time; identifying, measuring, and classifying angles and triangles; analyzing and comparing properties and transformations of plane figures and properties of solid geometric figures; organizing data in a variety of formats to interpret results, draw conclusions, and make predictions; representing the probability of a single event with fractions or decimals; showing the relationship of numerical and geometric patterns using words, tables, graphs, and mathematical sentences; and using variables to write an expression or an open sentence that represents a given mathematical relationship.
Fail/Below Basic	The student shows little if any attainment of the fundamental knowledge and skills necessary to apply key curriculum concepts such as: understanding decimal place value through thousandths; ordering a set of decimals and fractions; estimating and solving whole number and decimal problems using the four basic operations; estimating and solving fraction problems using addition and subtraction; choosing an appropriate tool and unit for measurement; determining elapsed time; identifying, measuring, and classifying angles and triangles; analyzing and comparing properties and transformations of plane figures and properties of solid geometric figures; organizing data in a variety of formats to interpret results, draw conclusions, and make predictions; representing the probability of a single event with fractions or decimals; showing the relationship of numerical and geometric patterns using words, tables, graphs, and mathematical sentences; and using variables to write an expression or an open sentence that represents a given mathematical relationship.