

**Virginia Standards of Learning Assessments
Grade 6 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: identifying, comparing, ordering, representing, and describing numbers, including fractions, decimals, percents, and integers; demonstrating an understanding of computation and estimation skills by solving practical problems involving formulas and basic operations with and without a calculator; estimating, comparing, and determining angle measure, length, area, weight/mass, and volume, and converting units; identifying, classifying, describing, and comparing plane and solid figures; organizing and analyzing data in a variety of ways including graphical methods and measures of central tendency; determining probability; investigating and describing patterns, including geometric and exponential; and solving one-step linear equations.
Pass/Proficient	The student demonstrates satisfactory attainment of the knowledge and skills necessary to apply key curriculum concepts such as: identifying, comparing, ordering, representing, and describing numbers, including fractions, decimals, percents, and integers; demonstrating an understanding of computation and estimation skills by solving practical problems involving formulas and basic operations with and without a calculator; estimating, comparing, and determining angle measure, length, area, weight/mass, and volume, and converting units; identifying, classifying, describing, and comparing plane and solid figures; organizing and analyzing data in a variety of ways including graphical methods and measures of central tendency; determining probability; investigating and describing patterns, including geometric and exponential; and solving one-step linear equations.
Fail/Basic	The student demonstrates inconsistent attainment of the fundamental knowledge and skills necessary to apply key curriculum concepts such as: identifying, comparing, ordering, representing, and describing numbers, including fractions, decimals, percents, and integers; demonstrating an understanding of computation and estimation skills by solving practical problems involving formulas and basic operations with and without a calculator; estimating, comparing, and determining angle measure, length, area, weight/mass, and volume, and converting units; identifying, classifying, describing, and comparing plane and solid figures; organizing and analyzing data in a variety of ways including graphical methods and measures of central tendency; determining probability; investigating and describing patterns, including geometric and exponential; and solving one-step linear equations.
Fail/Below Basic	The student demonstrates little if any attainment of the fundamental knowledge and skills necessary to apply key curriculum concepts such as: identifying, comparing, ordering, representing, and describing numbers, including fractions, decimals, percents, and integers; demonstrating an understanding of computation and estimation skills by solving practical problems involving formulas and basic operations with and without a calculator; estimating, comparing, and determining angle measure, length, area, weight/mass, and volume, and converting units; identifying, classifying, describing, and comparing plane and solid figures; organizing and analyzing data in a variety of ways including graphical methods and measures of central tendency; determining probability; investigating and describing patterns, including geometric and exponential; and solving one-step linear equations.