

Beginning Algebra Adaptive Assessment (BAAD)

All students who need math placement take this assessment. It is computer adaptive.

Competency	Competency Description	Items
C6M01	Solve linear equations in one variable using manipulations guided by the rules of arithmetic and the properties of equality.	2
C6M02	Solve linear inequalities in one variable and graph the solution set on a number line.	2
C6M03	Matches given linear equations to their graphs, tables, or ordered pairs.	2
C6M04	Solve quadratic equations in one variable by factoring.	2
C6M05	Solve literal equations for a specified variable.	2
C6M06	Define variables and write an expression to represent a quantity in a problem. Include contextual problems.	2
C6M07	Applies the order-of-operations to evaluate algebraic expressions, including those with parentheses and exponents.	2
C6M08	Factor polynomial expressions.	2
C6M09	Translate fluently between lines in the coordinate plane and their equations. Include predicting visual features of lines by inspection of their equations, determining the equation of the line through two given points, and determining the equation of the line with a given slope passing through a given point.	2
C6M10	Focus on pairs of simultaneous linear equations in two variables. Include algebraic techniques, graphical techniques and solving by inspection.	2
C6M11	Simplify algebraic expressions.	2
C6M12	Write an equation of a line.	2
C6M13	Perform operations on exponential expressions using the rules of exponents.	2
C6M14	Solve rational algebraic equations.	2
C6M15	Simplify radicals and radical expressions.	2
Test Length		30

Note

QL and CTE students who score above 106 on this assessment are deemed college ready for all CTE math courses (103, 107, 108, 109, and 112) and all TNA math courses (120, 135, and 155/56).