



State of Texas Assessments of Academic Readiness Alternate (STAAR™ Alternate) Performance Level Descriptors Algebra I

Performance Level Descriptors

Level III: Accomplished Academic Performance

Students at Complexity Level 3 can:

- generate and solve equations to adjust a variety of recipes for more and less servings
- generate graphs and equations to determine different amounts of money that would be earned in five days
- evaluate various data after plotting and connecting data points on graphs
- generate equations that represent the linear relationship in a variety of problem situations

Students at Complexity Level 2 can:

- identify multiplication equations that represent a variety of arrangements of objects
- complete tables identifying various costs of a service for multiple days
- identify relationships between sets of data in tables of paired numbers

Level II: Satisfactory Academic Performance

Students at Complexity Level 3 can:

- draw a conclusion from a student-generated table displaying the effect of a price increase
- generate and solve equations to adjust a recipe for more and less servings
- generate a graph and equation to determine how much money would be earned in a specified amount of time
- compare the cost of a seven-day bus pass to seven one-day bus passes
- evaluate the data after plotting and connecting data points on a graph
- generate an equation to represent the constant rate of change
- generate equations that represent the linear relationship in a problem situation

Students at Complexity Level 2 can:

- extend the pattern in a table displaying the number of products sold and the total amount of money earned
- identify multiplication equations that represent arrangements of objects
- complete a table identifying the cost of a service for multiple days

Students at Complexity Level 2 can (*continued*):

- complete a chart identifying the number of square and rectangular tables needed for a specified number of people
- plot and connect data points on a graph in increments of 100
- identify an equation that represents the number of parts required to assemble a specific number of products
- identify the relationship between sets of data in a table of paired numbers

Students at Complexity Level 1 can:

- participate in separating objects into two parts and manipulating the objects by twos to represent an equation
- participate in pairing an earned dollar with an addition equation and the spending of the dollar with a subtraction equation
- participate in creating a real-object graph with three bars of data in which each bar increases by one object
- participate in pairing objects to corresponding written numbers on both sides of an equation
- participate in completing the second column of a table of related number pairs
- participate in distributing items to model a subtraction equation

Level I: Developing Academic Performance

Students at Complexity Level 3 can:

- generate a table displaying money earned over time
- solve equations to adjust a recipe for more servings
- select a graph that shows a linear relationship

Students at Complexity Level 2 can:

- identify the operation needed to solve a problem
- identify the cost of receiving a service for one day
- count by 100s

Students at Complexity Level 1 can:

- experience arranging objects
- respond to an earned dollar