




Accelerated 7th Grade Learning Targets

| Unit 8 Families of Functions | |  |  |  |
|-------------------------------------|---|---|---|---|
| 1 | I understand that a function is a rule that assigns to each input exactly one output. | | | |
| 2 | I can determine whether or not a graph is a function, using the vertical line test. | | | |
| 3 | I can determine whether or not a set of points is a function. | | | |
| 4 | I can graph a function if given a set of ordered pairs. | | | |
| 5 | I can create examples of non-linear functions and represent them as an equation, table, and graph. | | | |
| 6 | When given a rule/equation, I can identify what family of functions the rule belongs to. | | | |
| 7 | When given a graph, I can identify what family of functions the graph belongs to. | | | |
| 8 | When given a situation, I can identify the independent and dependent variables of the situation. | | | |
| 9 | I can identify the <u>domain</u> of a data set. | | | |
| 10 | I can identify the <u>range</u> of a data set. | | | |
| 11 | I can identify different words that describe the domain and range of a function. | | | |
| 12 | I can fill in a table of points if I am given a rule. | | | |
| 13 | I can sketch a graph of a function given a verbal description given the terms increasing, decreasing, linear, and non linear. | | | |