

## Linear and Quadratic Functions Unit

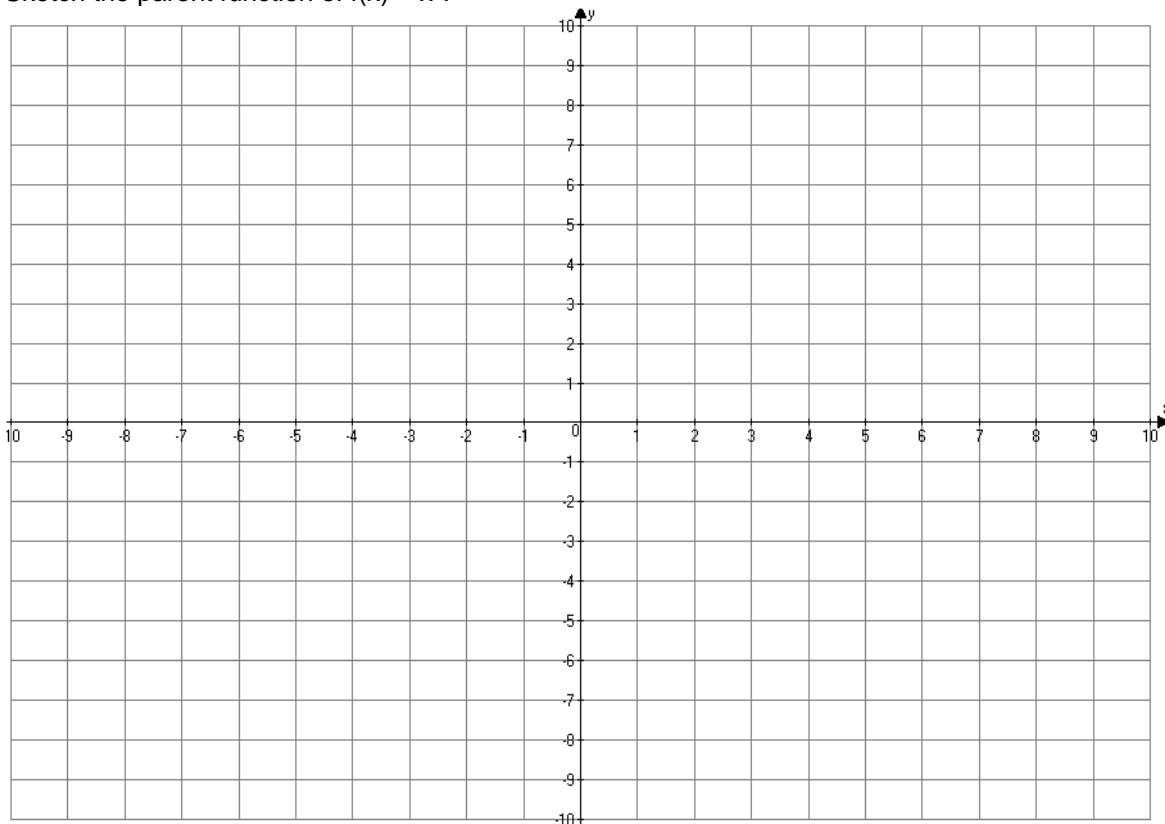
Using this study guide will help you prepare for your exam and ensure that you learn the most important content. Keep it in your notebook or computer and take notes as you progress through the unit.

### Introduction

1. What are my section goals/objectives?
2. My personal goal is to complete this section by:

### Section D: Graphing Quadratic Functions

Sketch the parent function of  $f(x) = x^2$ .



How does the “a” value affect the quadratic function  $f(x) = a(x - h)^2 + k$ ?

How does the “h” value affect the quadratic function  $f(x) = a(x - h)^2 + k$ ?

How does the “k” value affect the quadratic function  $f(x) = a(x - h)^2 + k$ ?