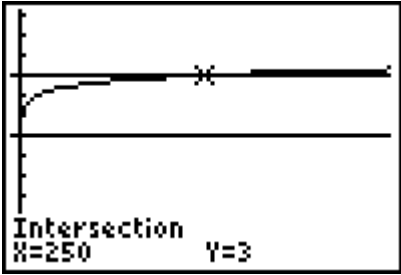
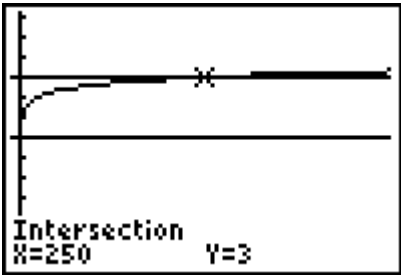


## Algebra 2 Module 8 Lesson 7 – Solving Logarithmic Equations Using Tables and Graphs

1. What is the value of  $x$  in the equation  $\log(4x) = 3$ ?

(A) 250	<p>Correct. A graphical solution is shown below. View PDF in Resources section for more details.</p> 
(B) 3	<p>Incorrect. That's the <math>y</math>-coordinate of the point of intersection. You need the <math>x</math>-coordinate.</p> 
(C) 5.6	<p>Incorrect. You solved for <math>4\log(x) = 3</math></p>
(D) No real solution	<p>Incorrect. There is a solution to this equation.</p> 