

C11 - 3.6 - Quadratic Word Problems

Two numbers have a difference of 8. Their product is a minimum. Sketch a Graph and Find the numbers.

Two numbers differ by 10. The product of the larger number and twice the smaller number is a minimum. Sketch a Graph and Find the numbers.

Two numbers sum to 8. The sum of their squares is a minimum. Sketch a Graph and Find the numbers.