

10350 Maximum or Minimum of Quadratic Functions - Sample Questions Set 08

Determine the maximum or minimum value of the following quadratic functions stating the value of x at which the maximum or minimum value occurs.

1. $f(x) = 3x^2 - 2$

2. $g(x) = x^2 + 4x - 7$

3. $q(x) = -3x^2 + 4x + 2$

4. $r(x) = -12x - 2x^2$