Graphing Quadratic Functions

Find the maximum or minimum value of each quadratic function.

1) $f(x) = 40x^2 - 120x + 110$

2) $f(x) = -3x^2 + 63$

M

3) f

M

5) f

Maximum value: _____

Minimum value: _____

7) $f(x) = 9x^2 + \frac{15}{2}x + \frac{11}{16}$

8) $f(x) = -x^2 + 14x - 49$

Minimum value: _____

Maximum value: _____