

# Graphing Quadratic Functions

Find the maximum or minimum value of each quadratic function.

1)  $f(x) = -6x^2 - \frac{8}{7}$


2)  $f(x) = \frac{2}{5}x^2 + \frac{16}{5}x - \frac{18}{5}$

3)  $f$

5)  $f$

## Preview

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Minimum value: \_\_\_\_\_

Minimum value: \_\_\_\_\_

7)  $f(x) = 6x^2 + 84x + 174$

8)  $f(x) = -\frac{3}{2}x^2 - 9x - \frac{19}{2}$

Minimum value: \_\_\_\_\_

Maximum value: \_\_\_\_\_