3.4b

P. 238

EXAMPLE 1   **Determining Concavity**

Determine the open intervals on which the graph of

$$f(x) = e^{-x^2/2}$$

is concave upward or concave downward.

You Try P. 242 #3

Determine the open intervals on which the graph is concave up or concave downward.

3. $f(x) = -x^3 + 6x^2 - 9x - 1$