

**1991 AB5**  
**Solution**

(a) Absolute maximum at  $x = 0$   
Absolute minimum at  $x = \pm 2$

(b) Points of inflection at  $x = \pm 1$  because the sign of  $f''(x)$  changes at  $x = 1$   
and  $f$  is even

(c)

