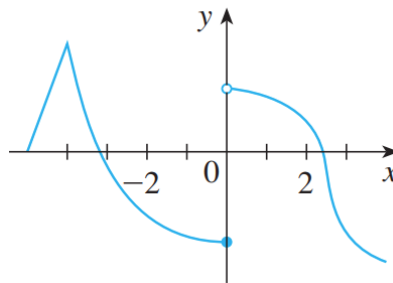


Exercise 41

The graph of f is given. State, with reasons, the numbers at which f is *not* differentiable.

**Solution**

The derivative is undefined at $x = -4$ because of the kink in the graph. It's also undefined at $x = 0$ because of the discontinuity.