CS 333202: Probability and Statistics
HW7 Part II

1. (a) 4

   (b) 0

   (c) ∞

2. $g(t) = \begin{cases} \frac{1}{2\sqrt{t}}[f(\sqrt{t}) + f(-\sqrt{t})] & t \geq 0 \\ 0 & t < 0 \end{cases}$

3. $\frac{3}{2}$