72. Let $X \sim N(0,1)$. Compare probabilities of the Empirical Rule to those from Chebyshev's Inequality.

Chebyshev's Inequality: Let X be a random variable and let $g(x)$ be a non-negative function. Then, for any $r > 0$

$$P(g(X) \geq r) \leq \frac{E[g(X)]}{r}.$$