

Find those real numbers x that satisfy the given inequalities

(a) $x \leq 4 - x$

(b) $\sqrt{x} \leq 6 - x$

(c) $x - \sqrt{x} \leq 6$

(d) $x - 3\sqrt{x} \leq -2$

(e) $\frac{-2}{x+3} \leq x$

(f) $\frac{2}{x} > 1 - x$

(g) $x^2 - x \leq 6$