

1. Solve the inequalities:

a.  $(x-5)^2(x+2)^3(x-7) \geq 0$

b.  $(5-x)^2(x+2)^3(7-x) \geq 0$

c.  $x^2 - 5x - 14 \leq 0$

d.  $x^2 - 5x + 3 < 0$