Algebra II

Solve each equation.   (pg 324)

1a) $(x + 3)^2 - 5(x + 3) + 4 = 0$

1b) $(2x - 1)^2 - 5(2x - 1) + 4 = 0$

1c) $x^4 - 5x^2 + 4 = 0$

13) $\left(\dfrac{1+x}{2}\right)^2 - 3\left(\dfrac{1+x}{2}\right) = 18$

17) $x - 10 = 3\sqrt{x}$

Solve each equation. Approximate real solutions to the nearest hundredth.

21) $3|x|^2 = 7|x| + 5$