CW 22.1 radicals, quadratic formula, discriminant

For #'s 1-4, simplify each of the following:

1. $\sqrt{650}$

2. $\sqrt{432}$

3. $\dfrac{7 \pm \sqrt{289}}{5}$

4. $\dfrac{-6 \pm \sqrt{32}}{4}$

For #'s 5-6, solve the quadratic equation (Answer should be simplified).

5. $x^2 - 4x + 2 = 0$

6. $-3x^2 + 6x + 4 = 0$