1. Solve.

   a) $3x^2 - 8 = 88$

   b) $(3x - 2)^2 = 27$

2. Solve by completing the square.

   $x^2 + 6x - 7 = 0$

3. Solve by completing the square. (Remember to first divide both sides by 3.)

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

Q: What three letter word can prefix the following three words to make three new words? Ache, Nest, and Drum.