Solving by Completing the Square

Solve each equation by first completing the square and then using the equal squares method. Show your work. *One problem is impossible*. (The solutions are not necessarily integers.)

1.
$$x^2 + 4x = 5$$

2.
$$x^2 + 6x = 16$$

3.
$$x^2 + 10x = -24$$

4.
$$x^2 + 8x + 20 = 8$$

5.
$$x^2 + 4x + 9 = 2$$

6.
$$4x^2 + 8x - 5 = 0$$

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

8.
$$x^2 + 12x + 26 = -3$$