Factor the following expressions

1. $x^2 - 49$

2. $9x^2 - 16$

3. $x^2 + 8x + 16$

4. $x^2 + 9x + 14$

5. $x^2 - 11y + 30$

6. $x^2 - 5x - 24$

7. $6x^2 + 5x + 1$