Review: Subtract $(5x^2 - 3x + 2) - (8x^2 + 4x - 1)$

Factor the expressions:

1. $x^2 + 16x + 64$

2. $3x^2 + 19x + 6$

3. $2x^2 + 16x + 32$

4. $x^2 + 6x + 9$

5. $5x^2 + 36x + 7$

6. $2x^2 + 26x + 60$

7. $7x^2 + 22x + 16$

8. $x^2 + 6x + 8$

9. $2x^2 + 21x + 10$

10. Determine the values of k and n.

a. $(x + 4)(x + k) = x^2 + nx + 24$

b. $(x + k)(x + 1) = x^2 + nx + 5$

c. $(x + 5)(x + n) = x^2 + 8x + n$