Math 104Q

Group Work on Factoring Polynomials Completely

Factor the following polynomials completely. Show your work on the back of this page.

1. $x^2 - 5x + 6$ 1. _____.

2. $(x+1)^2 + (x+1) - 6$ 2. _____.

3. $x^4 - 81$ 3. _____.

4. $2x^4 + 6x^3 - 20x^2$ 4. _____.

5. $4x^2 + 16$ 5. _____.

6. $3x^2 - 5x - 12$ 6. _____.

7. $6x^2 + 7x - 20$ 7. _____.

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