

Factoring Polynomials - in class practice

Factor the common factor out of each expression.

1) $35n^2 + 42n - 28$

2) $25n - 35n^2 - 25n^5$

3) $64xy + 24x^3y^3 + 40x^2y^3$

4) $-35uv^6 + 42u^2v^5 + 35uv^4$

Factor each completely.

5) $k^2 - 12k + 32$

6) $x^2 - 9x + 14$

7) $v^2 - 5v - 14$

8) $p^2 - 14p + 48$

9) $x^2 + 4x - 60$

10) $x^2 + 18x + 81$