

Name Key

Date _____

Mrs. Roubos

8A Alg 1

Do Now

Factor the following:

1) $9p^3 - 6p$ $3p(p^2 - 2)$	2) $15m^2 + 25$ $5(3m^2 + 5)$
3) $15x^4 + 5x$ $5x(3x^3 + 1)$	4) $2x^5 + 2x^4$ $2x^4(x + 1)$
5) $-20k^7 + 8k^8$ $4k^7(-5 + 2k)$	6) $4 + 4v^2$ $4(1 + v^2)$
7) $y^2 - 9y$ $y(y - 9)$	8) $56n^6 + 70n^3 + 49n^2$ $7n^2(8n^4 + 10n + 7)$
9) $24xy^5 - 80x^3y^2 + 64x^2y$ $8xy(3y^4 - 10x^2y + 8x)$	**10) $-5n - 5$ $-5(n + 1)$ ↑ Neg bk both #s are neg