

Factoring on the DLD

Date _____ Period _____

Factor each completely. Find 6 you can complete and you must provide your work.

1) $x^5 - 8x^3$

2) $a^4 - 5a^2 - 14$

3) $3m^4 - 4m^2 - 20$

4) $-2x^4 - 23x^2 - 63$

5) $8x^4 - 6x^2$

6) $6x^4 - 35x^2 + 50$

7) $n^3 + 2n^2 + n + 2$

8) $2n^3 - 3n^2 + 2n - 3$

9) $u^3 - 8$

10) $4x^3 + 4$

11) $9x^2 + 24x + 16$

12) $k^2 - 16$