Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period \_\_\_\_\_\_\_\_

**13.4 – Factoring Quartics**

Factor.

|  |  |
| --- | --- |
| 1. $x^{4}-8x^{2}+7$
 | 1. $x^{4}+8x^{2}-20$
 |
| 1. $x^{4}-7x^{2}+12$
 | 1. $x^{4}-5x^{2}+4$
 |
| 1. $x^{4}-10x^{2}+9$
 | 1. $x^{4}-8x^{2}+16$
 |
| 1. $x^{4}-12x^{2}-64$
 | 1. $x^{4}+7x^{2}-18$
 |
| 1. $x^{4}+4x^{2}-12$
 | 1. $x^{4}+8x^{2}+15$
 |