

**Factoring Using a Quadratic Pattern Practice – DO WORK ON SEPARATE PAPER!**Factor each polynomial *completely*.

**21.**  $x^4 - 8x^2 + 7$

**22.**  $x^4 + 8x^2 - 20$

**23.**  $x^4 - 7x^2 + 12$

**24.**  $x^4 - 5x^2 + 4$

**25.**  $x^4 - 1$

**26.**  $4x^4 - 6x^2 + 2$

**27.**  $x^4 - 10x^2 + 9 = 0$

**28.**  $x^4 - 8x^2 + 16 = 0$

**29.**  $x^4 - 12x^2 - 64 = 0$

**30.**  $x^4 + 7x^2 - 18 = 0$

**31.**  $x^4 + 4x^2 - 12 = 0$

**32.**  $x^4 + 8x^2 + 15 = 0$

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