

$X^4 + 2X^2 - 3$ $91 - X^8 - 8X^2 + X^4$ not factorable $5X(2X-5)(4X^2+10X+25)$	$40X^4 - 625X$ $5(X^2-3Y)(X+2)$ $5X^2 - 9X + 18$ $5(X^2-3Y)(X+2)$	$40X^4 - 625X$ $5(X^2-3Y)(X+2)$ $5X^2 - 9X + 18$ $5(X^2-3Y)(X+2)$	$X^4 + 2X^2 - 3$ $91 - X^8 - 8X^2 + X^4$ not factorable $5X(2X-5)(4X^2+10X+25)$
$54X^3Y + 2Y$ $(X+8)(X+10)$ $08 + X^8 + X^2$ $2X^2 = 7X + 27$ $XY(X+Y)(X^2 - XY + Y^2)$	$YX^4 + XY^4$ $X^2 - 9X + 18$ $(X+2)(X-2)(X^2+4)$ $YX^4 + XY^4$	$YX^4 + XY^4$ $X^2 - 9X + 18$ $(X+2)(X-2)(X^2+4)$ $YX^4 + XY^4$	$54X^3Y + 2Y$ $(X+8)(X+10)$ $08 + X^8 + X^2$ $2X^2 = 7X + 27$ $XY(X+Y)(X^2 - XY + Y^2)$
$4X^2 - 12X^3$ 2 $7(X+3)(X^2 - 3X + 9)$	$7X^3 + 189$ 8 $(4X^2+1)(2X-1)(2X+1)$	$7X^3 + 189$ 8 $(4X^2+1)(2X-1)(2X+1)$	$4X^2 - 12X^3$ 2 $7(X+3)(X^2 - 3X + 9)$
$(X+2)(X-2)(X+3)$ $21 - X^4 - X^2 + X^3$ 3 $5(X-5)(X^2+5X+25)$	$14X^3 - 21X^2 - 2X + 3$ $(3-X^2)(1-X^2)$ 5 $(X^2+3Y)(X-2)$	$14X^3 - 21X^2 - 2X + 3$ $(3-X^2)(1-X^2)$ 5 $(X^2+3Y)(X-2)$	$(X+2)(X-2)(X+3)$ $21 - X^4 - X^2 + X^3$ 3 $5(X-5)(X^2+5X+25)$
$X^2 - 9X + 8$ 144 $X^2 - 16$ $(5Y+9X)(5Y-9X)$	$16X^4 - 1$ 89 $2(5X+3)(X+6)$	$16X^4 - 1$ 89 $2(5X+3)(X+6)$	$X^2 - 9X + 8$ 144 $X^2 - 16$ $(5Y+9X)(5Y-9X)$
$X^2 - 16X + 63$ 233 $28X^4 + 16X^3 - 80X^2$	$(X+1)(X-1)(X+3)(X-3)$ $6^2 X^2 + 101 - X^4$ 377 $X^2 - 5X - 14$	$(X+1)(X-1)(X+3)(X-3)$ $6^2 X^2 + 101 - X^4$ 377 $X^2 - 5X - 14$	$X^2 - 16X + 63$ 233 $28X^4 + 16X^3 - 80X^2$
$5X^3 - 5X^2 + 3XY - 3Y$ $4(2X+Y)(4X^2 - 2XY + Y^2)$ $32X^3 + 11 + X^2$ 610 $7y^2 + 9y$	$4X^3 + 6X^2 + 12X$ $(2X-3)(X+2)(X-2)$ $2X^2(2X+3+6X^2)$	$4X^3 + 6X^2 + 12X$ $(2X-3)(X+2)(X-2)$ $2X^2(2X+3+6X^2)$	$5X^3 - 5X^2 + 3XY - 3Y$ $4(2X+Y)(4X^2 - 2XY + Y^2)$ $32X^3 + 11 + X^2$ 610 $7y^2 + 9y$