M10 - 5.4 - Differences of Squares HW

Factor

$x^2 - 1$

$x^2 - 25$

$x^2 - 16$

(____ + ____)(____ − ____)

$x^2 - 49$

$x^2 - 36$

$x^2 - 81$

$x^2 - 64$

$x^2 - 144$

$x^2 - 121$

$x^2 - 4$

$1 - x^2$

$9 - x^2$

$4 - 9x^2$

$-x^2 + 49$

$a^2 - b^2$

$4x^2 - 9$

$4x^2 - 16$

$4x^2 - 25$

$9x^2 - 1$

$9x^2 - 49$

$16x^2 - 25$

$49 - 81x^2$

$-25 + 121x^2$

$81x^2 - 4$

$27x^2 - 48$

M10 - 5.4 - Differences of Squares HW

Factor

$4x^2 - 9y^2$

$16x^2 - 25y^2$

$49y^2 - 25x^2$

$16x^2 - 225y^2$

$64x^2 - 169$

$4x^2 - 8y^2$

$x^4 - 9$

$x^6 - 144$

$x^4 - 81$