$x^2 - 2x + 1$		$(x + 2y)^2$
$x^2 + 4xy + 4y^2$		$(3x^2 - y)^2$
$4x^2 - 12xy + 9y^2$		$(x - 1)^2$
$x^4 - 6x^2 + 9$		$(x^2 - 3)^2$
$9x^4 - 6x^2y + y^2$		$(2x - 3y)^2$

$a^2 - 4$		$(a + 2)(a - 2)$
$9a^2 - 25$		$(2b + b)(2a - b)$
$a^4 - b^6$		$(a^2 - b^3)(a^2 + b^3)$
$4a^2 - b^2$		$(3a - 5)(3a + 5)$
$9a^4 - 16b^8$		$(3a^2 - 4b^4)(3a^2 + 4b^4)$

$2023^2 - 2022^2$		9025
$94^2 + 188 + 1$		1
$2023^2 - 2 \cdot 2023 \cdot 2022 + 2022^2$		4045

LIVEWORKSHEETS