Find the remainder (without division) when

$x^2 - 2x + 4$ is divided by $x - 1$

$2x^3 - 3x^2 + 7x - 8$ is divided by $x - 1$

$x^3 + 4x + 2$ is divisible by $x + 2$

$4x^3 - 3x^2 + 5x + 4$ is divided by $2x + 1$

$4x^3 + 5x^2 + 6x - 7$ is divided by $2x - 1$