

Phân tích các đa thức sau thành nhân tử:

1) $x^2 + 2x = \dots\dots\dots$

2) $x^2 - 10x + 25 = \dots\dots\dots$

3) $16x^2 - 9 = \dots\dots\dots$

4) $2(x + y) - 5y(x + y) = \dots\dots\dots$

5) $x^3 - \frac{1}{27}y^3 = \dots\dots\dots$

6) $\underline{x}(x - y) + 4x - 4y = \dots\dots\dots$

7) $x^2 - 2x + 1 - y^2 = \dots\dots\dots$

$(4x - \underline{3})(4x + 3)$; $(x - 5)^2$; $(x + y)(2 - 5y)$; $(x - 1 + y)(x - 1 - y)$

$\left(x - \frac{1}{3}y\right)\left(x^2 + \frac{1}{3}xy + y^2\right)$; $(x - y)(x + 4)$; $x(x + 2)$