

TRINOMIO CUADRADO PERFECTO

CONCEPTOS PREVIOS

$$9a^2 - 24a + 16$$

Diagram illustrating the decomposition of the trinomial $9a^2 - 24a + 16$ into $(3a - 4)^2$. The first term $9a^2$ is shown as $(3a)^2$ and the last term 16 as 4^2 . A blue arrow points from the middle term $-24a$ to the product $2 \cdot 3a \cdot 4 = 24a$, indicating that the middle term is twice the product of the square roots of the first and last terms.



- Pon la letra correspondiente en la respuesta correcta

a) $36x^2 + 24x + 4 =$

$(X - 4)^2$

b) $49a^2 + 28ab^2 + 4b^4 =$

$(4x + 5y^3)^2$

c) $x^2 - 8x + 16 =$

$(7a + 2b^2)^2$

d) $16x^2 + 40xy^3 + 25y^6 =$

$(6x + 2)^2$