

TRINOMIO CUADRADO PERFECTO

CONCEPTOS PREVIOS

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

Diagram illustrating the factoring process for the trinomial $9a^2 - 24a + 16$. The first term $9a^2$ is factored into $3a \cdot 3a$. The last term 16 is factored into $4 \cdot 4$. The middle term $-24a$ is shown as $2 \cdot 3a \cdot 4$, indicating the cross-multiplication step for finding the binomial factors.



- Pon la letra correspondiente en la respuesta correcta

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

☐ $(X - 4)^2$

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

☐ $(4x + 5y^3)^2$

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

☐ $(7a + 2b^2)^2$

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

☐ $(6x + 2)^2$