

ACTIVIDADES

① $x^2 - y^2$

$$(x+y)(x-y)$$

② $4x^2 - 81y^2$

$$(2x+9y)(2x-9y)$$

③ $27a^3 - 8b^3$

$$(3a)^3 - (2b)^3$$

$$(3a - 2b)(3a^2 + 3a \cdot 2b + (2b)^2)$$

$$(3a - 2b)(9a^2 + 6ab + 4b^2)$$

④ $64m^3 + 125n^3$

$$(4m)^3 + (5n)^3$$

$$(4m + 5n)(16m^2 - 20mn + 25n^2)$$

⑤ $m^6 - 216$
 $(m^2)^3 - 6^3$
 $(m^2 - 6)(m^4 + 6m^2 + 36)$
 $(m^2 - 6)(m^4 + 6m^2 + 36)$

⑥ $125x^3 + 1000y^6$
 $5(25x^3 + 200y^6)$

⑦ $100m^2 - 81n^2$
 $(10m + 9n)(10m - 9n)$

⑧ $49a^4 - 36b^2$
 $(7a^2 + 6b)(7a^2 - 6b)$