

FACTOR (squares)

Expand:

① $(2x+1)(2x-1)$ ② $(4-x)(4+x)$ ③ $(x+9)(x-9)$

Factor:

④ $49-y^2$

⑤ $9x^2-16$

⑥ $25w^2-81$

⑦ x^2-25

⑧ $4y^2-64$

⑨ $9-4x^2$

Lesson 8: Rewriting Quadratic Expressions in Factored Form (Part 3)

Cool Down: Can These Be Rewritten in Factored Form?

Write each expression in factored form. If it is not possible, write "not possible."

1. $a^2 - 36$

2. $49 - 25b^2$

3. $c^2 + 9$

4. $\frac{100}{81} - 16d^2$