

Princess Vulnavia presents ... Cloud 9; Revision Raindrops

Surd Form: Rewriting a Quadratic Expression

Raindrop 4b: Exercise

Express the quadratic expression: $5x^2 + 2x - 1$

as the product of two linear expressions.

The answer follows on the next page ...

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Express the quadratic expression: $5x^2 + 2x - 1$

as the product of two linear expressions.

Answer: $5x^2 + 2x - 1 \equiv \frac{1}{5} (5x + 1 + \sqrt{6})(5x + 1 - \sqrt{6})$