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Factorising a quadratic expression with geometric insights.

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Summary: An algorithm is presented for factorising a quadratic expression to facilitate instruction and learning. It appeals to elementary geometry which may provide better insights to some students or teachers. There have been many methods for factorising a quadratic expression described in school text books. However, students often seem to struggle with grasping this skill. Anwar H. Joarder presents some geometric explanation with the hope that it will help visualise the steps of the solution. (ERIC)

Classification: H20 G40

Keywords: quadratic expressions; factorization; visualization