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10. $ax^{2n} + bx^n + c = 0 \quad (a \neq 0).$

The substitution

$$y = x^n$$

leads to the quadratic equation

$$ay^2 + by + c = 0.$$

Algebraic Equation, Special Case

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<http://eqworld.ipmnet.ru/en/solutions/ae/ae0110.pdf>