

Indeterminate Equation

# The Quadratic (Delta) Method



Learn how to solve this *type* of problems, not just this problem.

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1. Solve in integers the equation

$$m^2 - n^2 - 3n = 5$$

(Ref Ref 2336)

2. Find all pairs of positive integers  $(a; b)$  such that  $\frac{a}{b} + \frac{21b}{25a}$  is a positive integer.

(Ref Ref 2225)