| Name | ID | SEC |
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Q1) Find the general solution of the DE $(x+2)^2 y' = 5 - 8y - 4xy.$ Give the largest interval $I$ over which the general solution is defined.

Q2) Solve the DE $6xydx + (4y + 9x^2)dy = 0.$

Q3) Solve the differential equation $x^2 \dfrac{dy}{dx} + y^2 = xy.$