

MATH 202.11 (Term 141)

Quiz 2 (Sects. 2.4 & 2.5)

Duration: 20min

Name:

ID number:

1.)(5pts)Solve the exact DE: $\frac{dy}{dx} = \frac{2xy - \sin x - 3y^2 e^x}{6ye^x - x^2}$.

3.)(5pts)Solve by substitution the DE: $\frac{dy}{dx} = (y + 2x - 1)^3 - 2$.
