

316-QUIZ 3

Name: _____

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1 Solve the IVP:

$$\frac{d^2y}{dx^2} + 4\frac{dy}{dx} + ky = 0, \quad y(0) = 0, \quad y'(0) = -1$$

for

1. $k = 3$

2. $k = 4$

3. $k = 5$