

Name _____

Find explicit solutions to the following initial value problems.

1. (2 points) $\frac{dw}{dr} = 0.6r$ $w(0) = 8$

2. (3 points) $\frac{dr}{dw} = 0.6r$ $r(0) = 8$

3. (5 points) $\frac{dy}{dx} = 15x^2e^{-y}$, $y(0) = 2$