$$2\frac{d^{2}y}{dt^{2}} + 6\frac{dy}{dt} + 8y = lod_{u}^{2} + 4od_{u}^{2} + 3ou$$

$$2s^{2}y + 6sy + 8y > los^{2}(x + 4os(x + 3ou))$$

$$y = 10s^{2} + 4os(3o + 3ou)$$

$$y = 2s^{2} + 6s + 8$$

$$0 = 2s^{2} + 6s + 8$$

