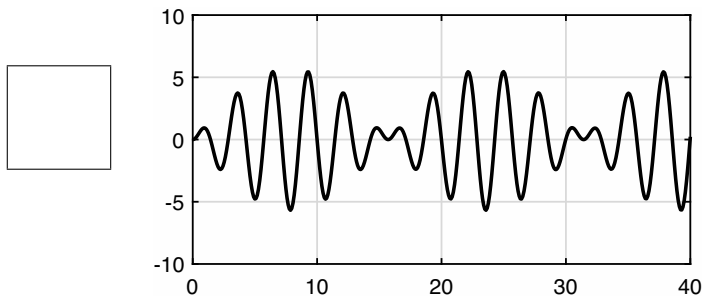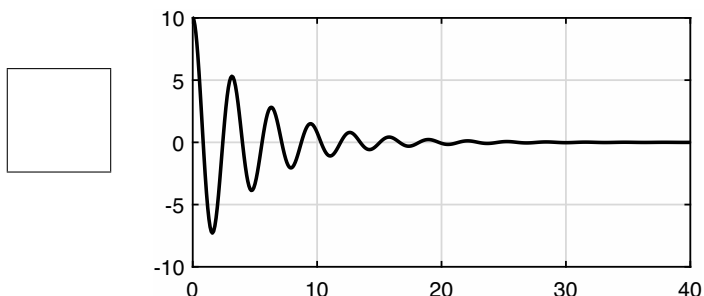4   (20 points)
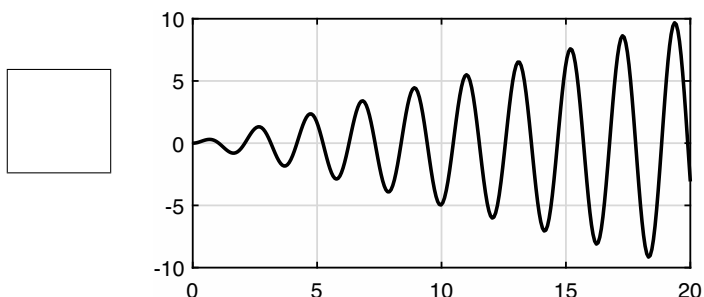
Match the differential equations to the plots of their soutions.Write the number of the correct differential equation in the box to the left of the plot.

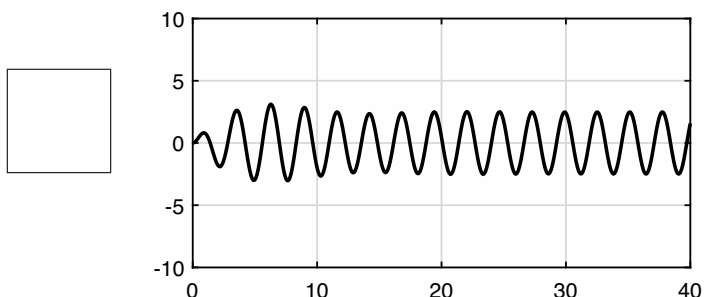
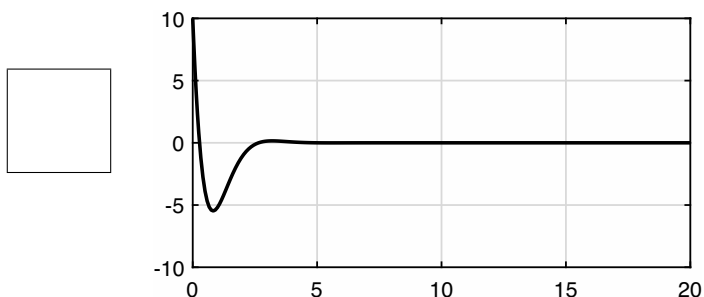(1) $y'' + 3y' \bullet 4y = 0$

(2) $y'' + 0.4y' + 4y = 5\cos 2.4t$

(3) $y'' + 9y = 3\cos 3t$

(4) $y'' + 4y = 5\cos 2.4t$

(5) $y'' + 0.4y' + 4y = 0$