x = -2:0.1:4;

y1 = 3.\*x.^3 - 26.\*x + 10;

y2 = 9.\*x.^2 - 26;

y3 = 18.\*x;

y4 = 18.\*ones(size(x));

% Creating subplots

subplot(2, 3, 1)

plot(x, y1)

xlabel("x")

ylabel("y1")

title('y1 = 3x^3 - 26x + 10')

subplot(2, 3, 2)

plot(x, y2)

xlabel("x")

ylabel("y2")

title('y2 = 9x^2 - 26')

subplot(2, 3, 3)

plot(x, y3)

xlabel("x")

ylabel("y3")

title('y3 = 18x')

subplot(2, 3, 4)

plot(x, y4)

xlabel("x")

ylabel("y4")

title('y4 = 18')

subplot(2, 3, 6)

plot(x, y1, x, y2, x, y3, x, y4)

title('All Graphs')

legend('y1', 'y2', 'y3', 'y4')

xlabel("x")

ylabel("y")