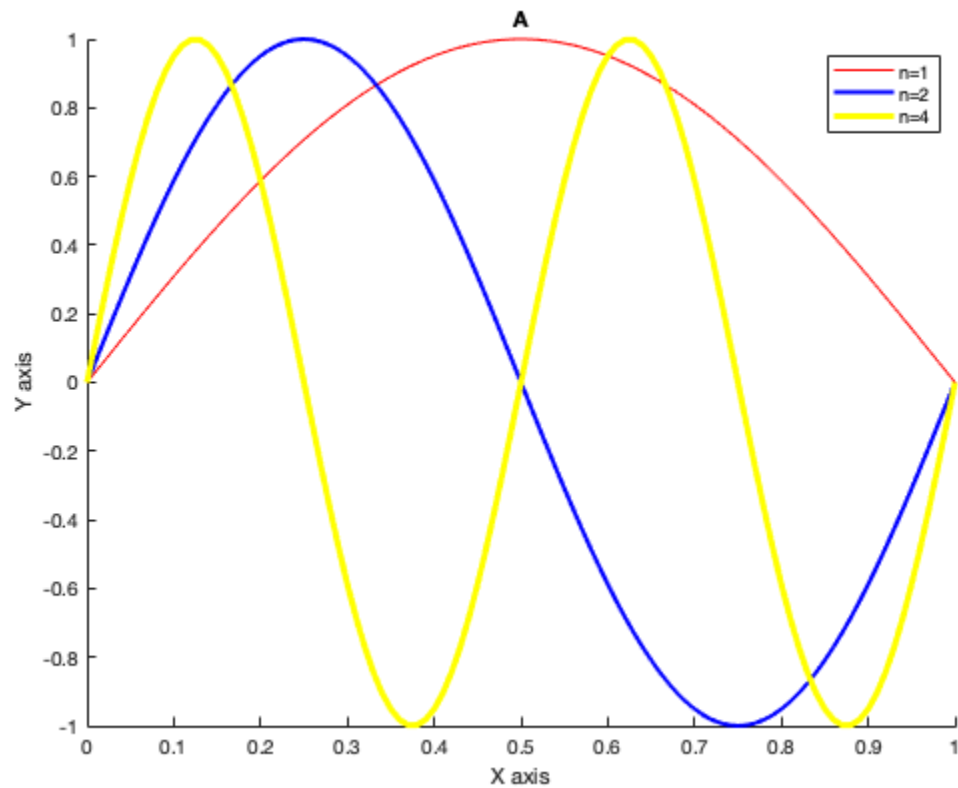

A

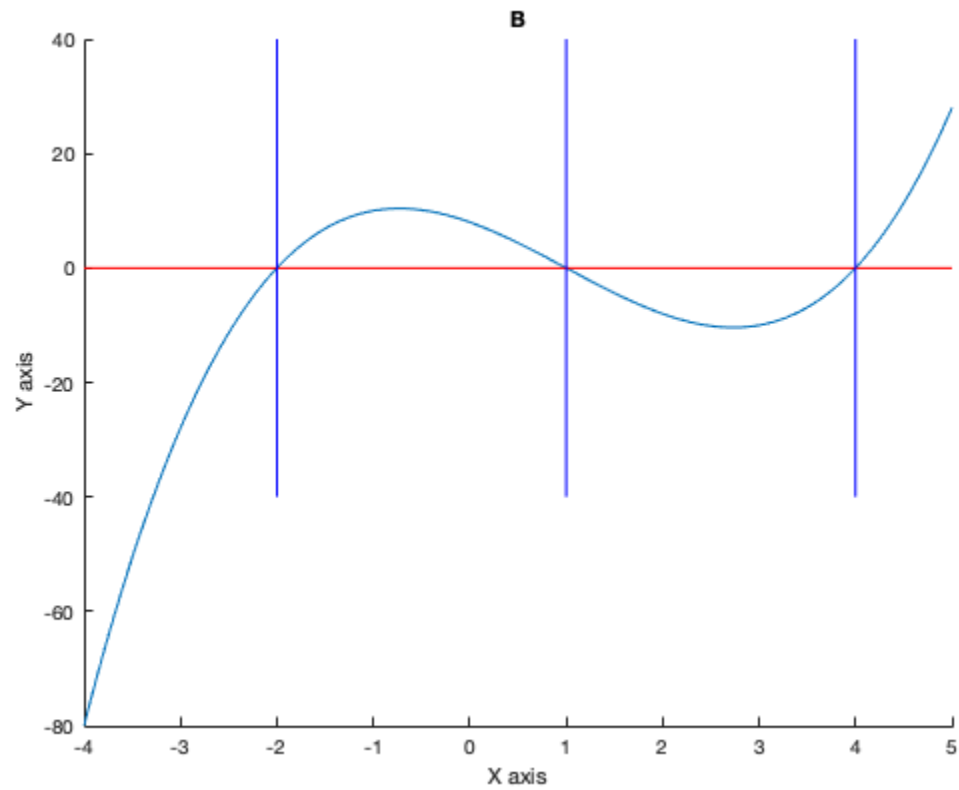
```
theta = 0:.01:1;
y1= sin(pi*theta);
y2= sin(2*pi*theta);
y3= sin(4*pi*theta);
hold on;
plot(theta,y1, 'Color', 'red');
plot(theta,y2, 'Color', 'blue', 'LineWidth', 2);
plot(theta,y3, 'Color', 'yellow', 'LineWidth', 3);
hold off;
xlabel('X axis');
ylabel('Y axis');
title('A');
legend('n=1', 'n=2', 'n=4');
```



B

```
clf;
x=-4:.01:5;
y=(x+2).*(x-1).*(x-4);
hold on;
plot(x,y);
```

```
line([-4,5],[0,0], 'Color', 'Red');  
line([-2,-2],[-40,40], 'Color', 'Blue');  
line([1,1],[-40,40], 'Color', 'Blue');  
line([4,4],[-40,40], 'Color', 'Blue');  
xlabel('X axis');  
ylabel('Y axis');  
title('B');  
hold off;
```



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