

My source code:

```
clear all;
clc;
% x-range
x = 0:0.25:20;
% Last digit of my student number is 9
% k = 0
fig1 = figure(1);
y = (0*9*x).^(1/2);
plot(y,x);
axis equal;
% k = 1
fig2 = figure(2);
y = (1*9*x).^(1/2);
plot(y,x);
axis equal;
% k = 2
fig3 = figure(3);
y = (2*9*x).^(1/2);
plot(y,x);
axis equal;
```

Figures: (My student number's last digit is 9)

Figure 1 for k = 0:

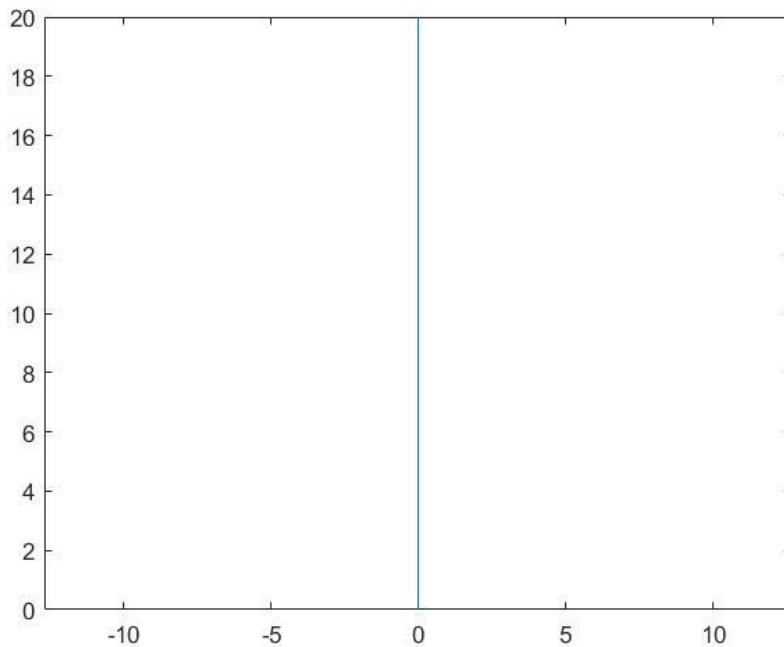


Figure 2 for $k = 1$:

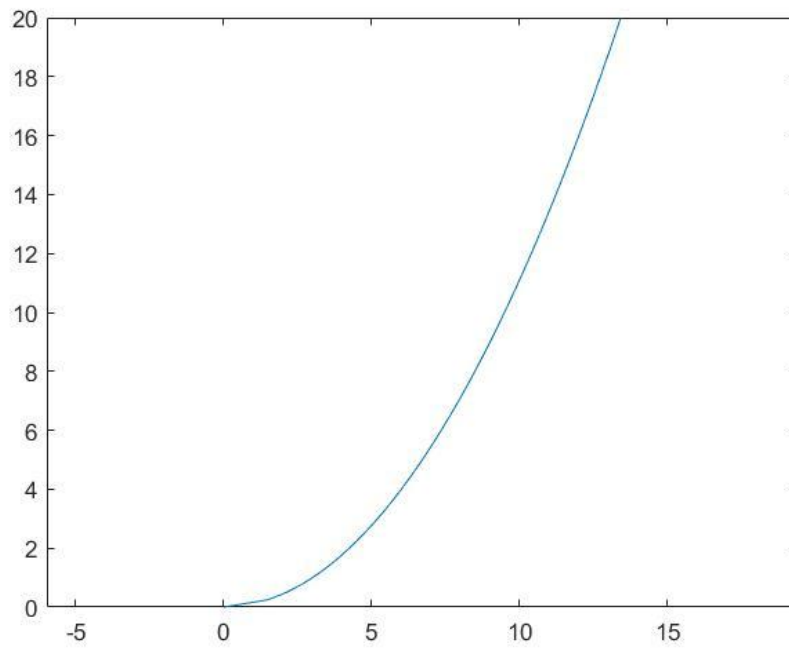


Figure 3 for $k = 2$:

