

Graph a linear equation.

$$y = 2x + 3$$

Y=

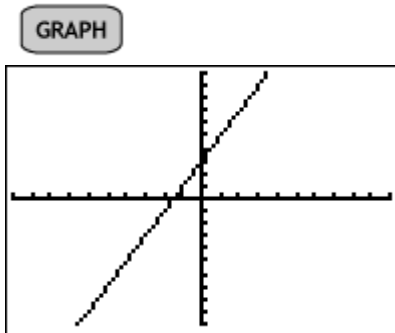
```

Plot1 Plot2 Plot3
Y1=
Y2=
Y3=
Y4=
Y5=
Y6=
Y7=
  
```

2 X,T,θ,n + 3 ENTER

```

Plot1 Plot2 Plot3
Y1=2X+3
Y2=
Y3=
Y4=
Y5=
Y6=
Y7=
  
```



Find Ordered Pairs (Table):

2nd GRAPH

X	Y1
-5	-7
-4	-5
-3	-3
-2	-1
-1	1
0	3
1	5
2	7

X = -5

x-intercept:

2nd TRACE

ENTER

```

1:value
2:zero
3:minimum
4:maximum
5:intersect
6:dy/dx
7:∫f(x)dx
  
```

ENTER

Left Bound?
X = -2.553191 Y = -2.106383

Left Bound

ENTER

Right Bound?
X = -.8510638 Y = 1.2978723

Right Bound

ENTER

Guess?
X = -.8510638 Y = 1.2978723

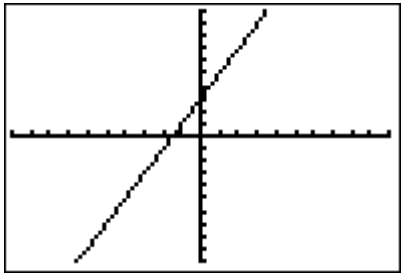
Guess

Zero
X = -1.5 Y = 0

x-intercept: (-1.5, 0)

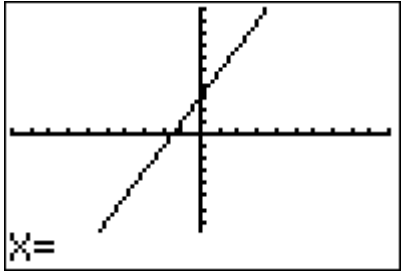
$y = 2x + 3$
y-intercept:

GRAPH

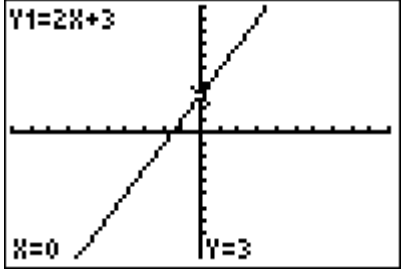
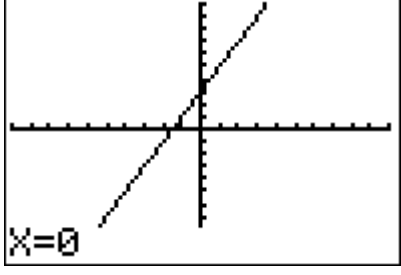


2nd TRACE ENTER

- 1: value
- 2: zero
- 3: minimum
- 4: maximum
- 5: intersect
- 6: dy/dx
- 7: ∫f(x)dx



0 ENTER



y-intercept: (0, 3)

Change Table Setting (TBLSET)

2nd GRAPH

```
TABLE SETUP
TblStart=5
ΔTbl=1
Indent:  Auto  Ask
Depend:  Auto  Ask
```