

79 $y \approx 13.2 \sin(0.524x - 2.18) + 49.7$. See *Figure 79a*.

Graph $Y_1 = 13.2 \sin(0.524X - 2.18) + 49.7$ together with the data in $[0, 25, 2]$ by $[30, 80, 10]$. See *Figure 79b*.

$[0, 25, 2]$ by $[30, 80, 10]$

```
SinReg
y=a*sin(bx+c)+d
a=13.21114059
b=.5243494463
c=-2.176645826
d=49.68474093
```

Figure 79a

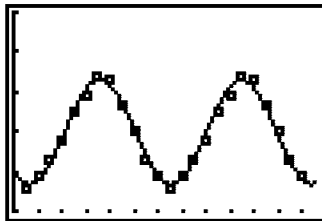


Figure 79b