

Hledani minim a maxim:

```
> f:=x->sin(x);
```

$f := x \rightarrow \sin(x)$

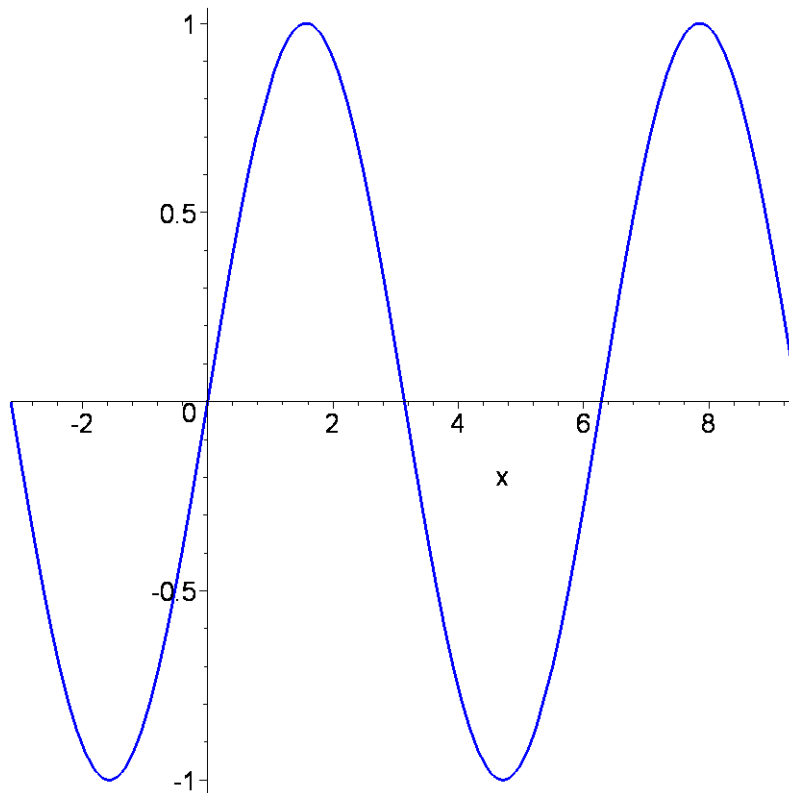
```
> a:=-Pi:
```

```
> b:=3*Pi:
```

```
>
```

```
>
```

```
> plot(f(x),x=-Pi..3*Pi,color=blue, thickness=3);
```



```
> evalf(minimize(f(x), x=a..b, location=true));
```

-1., [{x = -1.570796327}, -1.], [{x = 4.712388981}, -1.]

```
> evalf(maximize(f(x), x=a..b, location=true));
```

1., [{x = 1.570796327}, 1.], [{x = 7.853981635}, 1.]

```
>
```

```
>
```

```
> Credit:= "I&C, p. 114" ;
```

*Credit := "I&C, p. 114"*

```
>
```