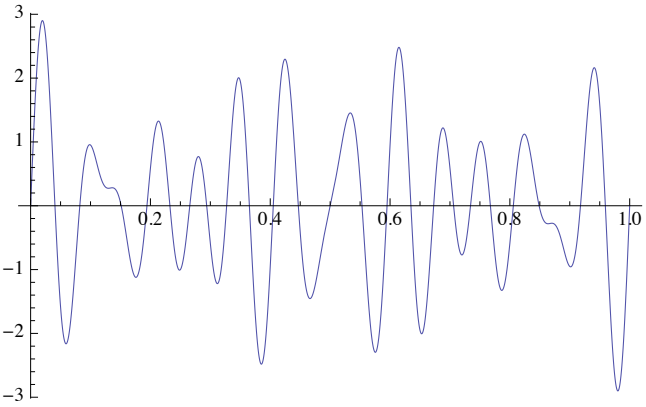
In[5]:=
```
Plot[{Sin[2 π 10 t] + Sin[2 π 12 t] + Sin[2 π 15 t]}, {t, 0, 1}]
```

Out[5]=



In[6]:=
```
FindMaximum[{Sin[2 π 10 t] + Sin[2 π 12 t] + Sin[2 π 15 t], 0 ≤ t ≤ 0.01}, {t, 0}]
```

Out[6]=
```
{2.08135, {t → 0.01}}
```

In[7]:=
```
FindMaximum[{Sin[2 π 10 t] + Sin[2 π 12 t] + Sin[2 π 15 t], 0.2 ≤ t ≤ 0.21}, {t, 0.2}]
```

Out[7]=
```
{1.27147, {t → 0.21}}
```

In[8]:=
```
FindMaximum[{Sin[2 π 10 t] + Sin[2 π 12 t] + Sin[2 π 15 t], 0.4 ≤ t ≤ 0.41}, {t, 0.4}]
```

Out[8]=
```
{0.915049, {t → 0.41}}
```

In[9]:=
```
FindMaximum[{Sin[2 π 10 t] + Sin[2 π 12 t] + Sin[2 π 15 t], 0.6 ≤ t ≤ 0.61}, {t, 0.6}]
```

Out[9]=
```
{2.30163, {t → 0.61}}
```

In[10]:=
```
FindMaximum[{Sin[2 π 10 t] + Sin[2 π 12 t] + Sin[2 π 15 t], 0.8 ≤ t ≤ 0.81}, {t, 0.8}]
```

Out[10]=
```
{0.414515, {t → 0.81}}
```

In[11]:=
```
FindMaximum[{Sin[2 π 10 t] + Sin[2 π 12 t] + Sin[2 π 15 t], 1 ≤ t ≤ 1.01}, {t, 1}]
```

Out[11]=
```
{2.08135, {t → 1.01}}
```