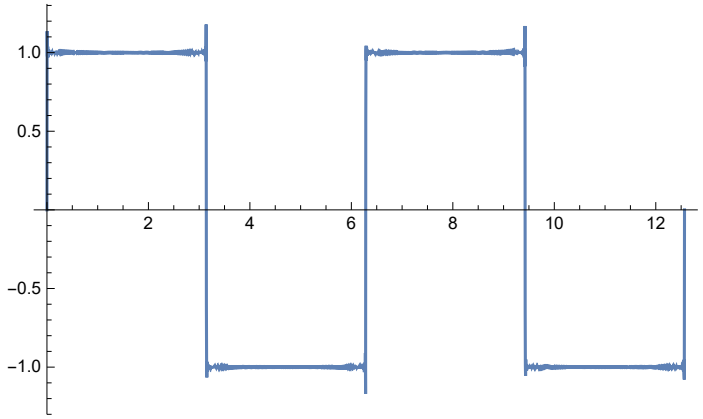
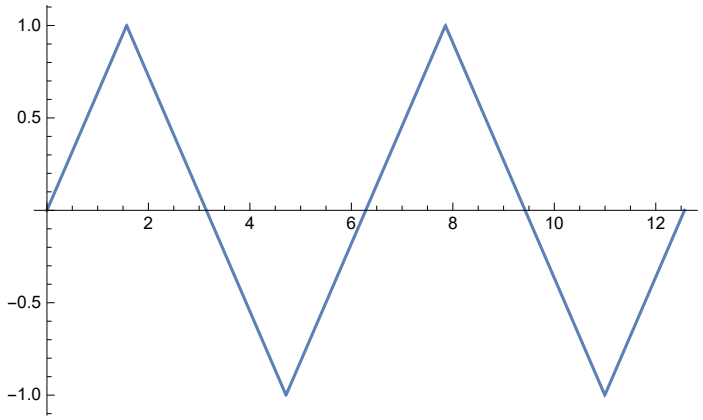
In[ ]:=
```
f = 0;
Do[f += {4 / Pi} {1 / n} Sin[n t], {n, 1, 1000, 2}];
f;
Plot[f, {t, 0, 4 Pi}]
```

Out[ ]=



In[ ]:=
```
f = 0;
Do[f += {8 / Pi^2} {{-1}^{{n - 1} / 2} / n^2} Sin[n t], {n, 1, 1000, 2}];
f;
Plot[f, {t, 0, 4 Pi}]
```

Out[ ]=



In[•]:=
```
f = {1 / 2};
Do[f -= {1 / Pi} {1 / n } Sin[n t], {n, 1, 1000, 1}];
f;
Plot[f, {t, 0, 4 Pi}]
```

Out[•]=