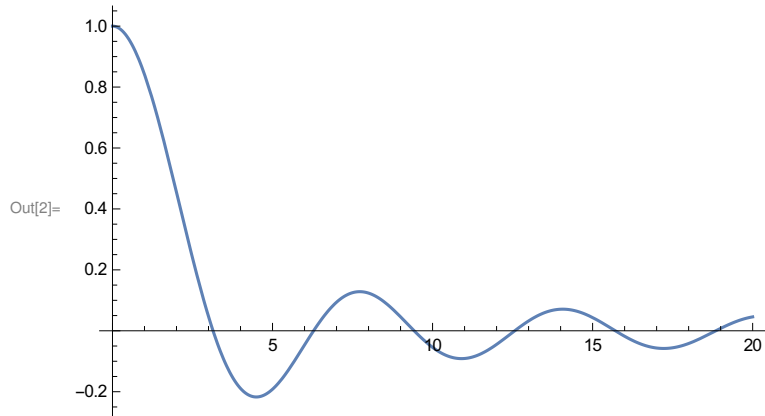
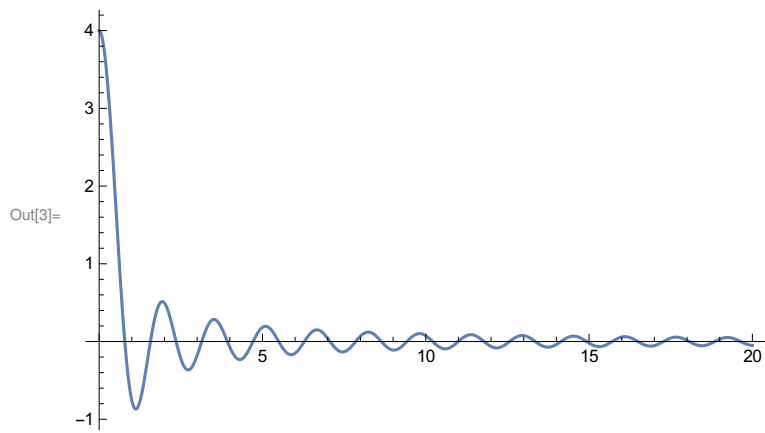


```
In[1]:= f[p_, a_] := Sin[p a]/p
```

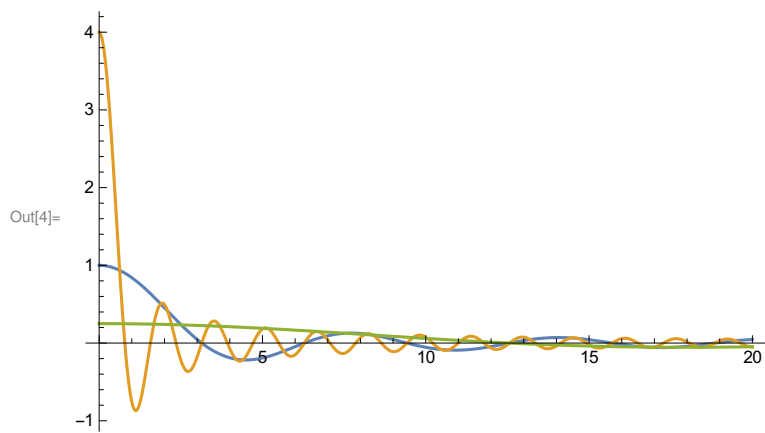
```
In[2]:= Plot[f[p, 1], {p, 0, 20}, PlotRange -> All]
```



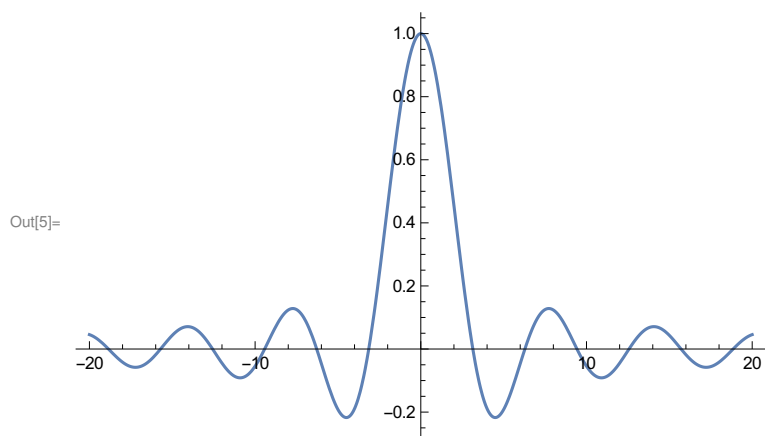
```
In[3]:= Plot[f[p, 4], {p, 0, 20}, PlotRange -> All]
```



```
In[4]:= Plot[{f[p, 1], f[p, 4], f[p, 1/4]}, {p, 0, 20}, PlotRange -> All]
```

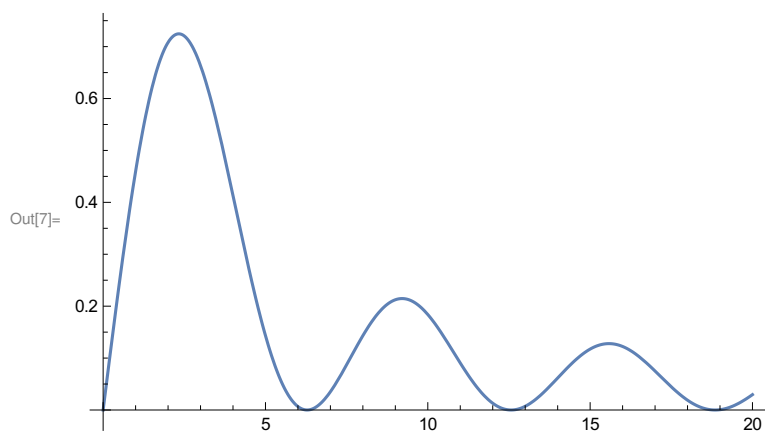


```
In[5]:= Plot[f[p, 1], {p, -20, 20}, PlotRange -> All]
```

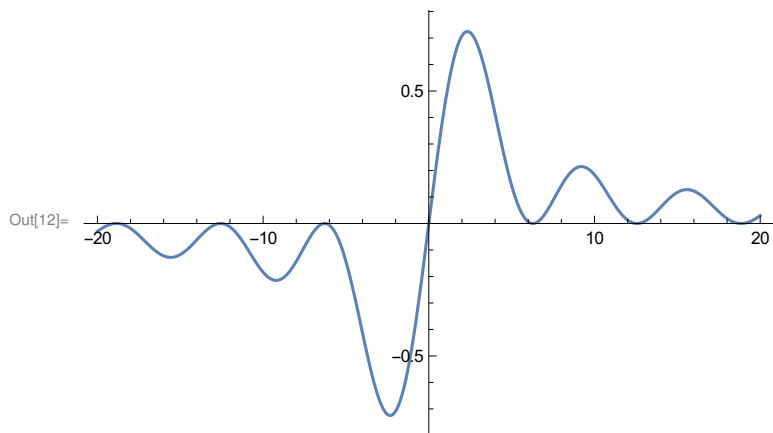


```
In[6]:= g[p_, a_] := (1 - Cos[p a]) / p
```

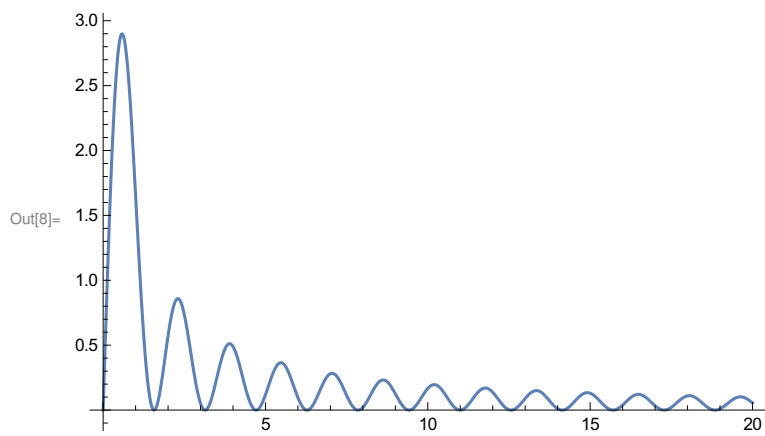
```
In[7]:= Plot[g[p, 1], {p, 0, 20}, PlotRange -> All]
```



```
In[12]:= Plot[g[p, 1], {p, -20, 20}, PlotRange -> All]
```



```
In[8]:= Plot[g[p, 4], {p, 0, 20}, PlotRange -> All]
```



```
In[9]:= Plot[{g[p, 1], g[p, 4], g[p, 1/4]}, {p, 0, 20}, PlotRange -> All]
```

