

In[43]:= **Sin**[(3 Pi / 2) - x]

Out[43]= $-\cos [x]$

In[44]:= **Sin**[**ArcCos**[**Sqrt**[x]]]

Out[44]= $\sqrt{1-x}$

In[45]:= **Tan**[**e**^{**Log**[**ArcCot**[x]]}]

Out[45]= $\frac{1}{x}$

In[46]:= **Tan**[**Power**[**E**, **Log**[**E**, **ArcCot**[x]]]]

Out[46]= $\frac{1}{x}$

In[47]:= **ReplaceAll**[**Sin**[3 Pi * 2 - x], x \rightarrow Pi / 4]

Out[47]= $-\frac{1}{\sqrt{2}}$