

## 15. $\cos x \csc x \tan x$


16. $\cos x \cot x+\sin x$

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\begin{array}{cl}
\cos x \frac{\cos x}{\sin x}+\sin x & \cot x=\frac{\cos x}{\sin x} \\
\frac{\cos ^{2} x}{\sin x}+\frac{\sin x}{1} \cdot \frac{\sin x}{\sin x} \\
\frac{\cos ^{2} x}{\sin x}+\frac{\sin ^{2} x}{\sin x} & \cos ^{2} x+\sin ^{2} x=1 \\
\frac{\cos ^{2} x+\sin ^{2} x}{\sin x} & \frac{1}{\sin x}=\csc x
\end{array}
$$

