$$\frac{\cot x}{\cos x} = 2.$$

$$\frac{\cos x}{\sin x} = 2.$$

$$\frac{\cos x}{\sin x} = 2$$

$$\frac{\cos x}{\sin x} \cdot \frac{1}{\cos x} = 2$$

$$\frac{1}{\sin x} = 2 \Rightarrow \sin x$$

$$\cos x = 2$$

$$\sin x = 2 \Rightarrow \sin x$$

$$\cos x = 2 \Rightarrow \sin x$$

30.
$$\frac{1 + \tan x}{1 + \cot x} = 2$$

$$\begin{vmatrix} 1 + \tan x \\ 1 + \cot x \end{vmatrix} = 2$$

$$\begin{vmatrix} 1 + \tan x \\ 1 + \cot x \end{vmatrix} = 2$$

$$\begin{vmatrix} 1 + \tan x \\ 1 + \cot x \end{vmatrix} = 2$$

$$\begin{vmatrix} 1 + \tan x \\ 1 + \cot x \end{vmatrix} = 2$$

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$$\begin{vmatrix} 1 + \tan x \\ 1 + \cot x \end{vmatrix} = 2$$

$$\begin{vmatrix} 1 + \tan x \\ 1$$