

Name : _____

Reciprocal Identities

1) If $\cot x = \frac{9}{2}$, find $\tan x$.

2) If $\sec x = \frac{5}{3}$, find $\cos x$.

3) If $\sin x = -\frac{1}{2}$, find $\sec x$.

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5) If $\csc x = \sqrt{2}$, find $\cot x$.

find $\cot x$.

7) If $\sec x = \frac{11}{9}$, find $\cos x$.

8) If $\cot x = -\frac{\sqrt{5}}{7}$, find $\tan x$.

Reciprocal Identities

1) If $\cot x = \frac{9}{2}$, find $\tan x$.

2) If $\sec x = \frac{5}{3}$, find $\cos x$.

$\frac{2}{9}$

$\frac{3}{5}$

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7) If $\sec x = \frac{11}{9}$, find $\cos x$.

8) If $\cot x = -\frac{\sqrt{5}}{7}$, find $\tan x$.

$\frac{9}{11}$

$-\frac{7\sqrt{5}}{5}$