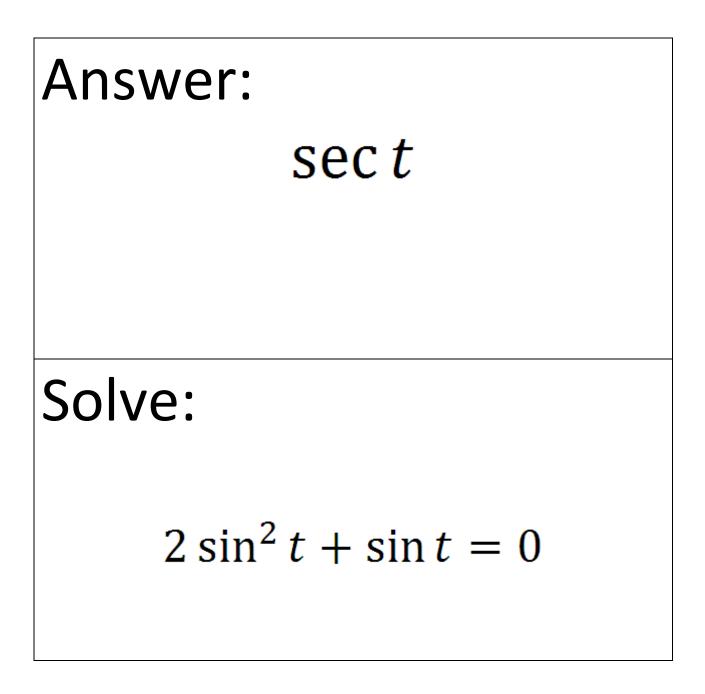


Directions:

Answer: $tan^2 t$ Solve for t: $2\cos^2 t - 3\cos t + 1 = 0$

Answer: $t = 0^{0}, 60^{0}, 300^{0}$ Simplify: $\sin t \cdot \tan t + \cos t$

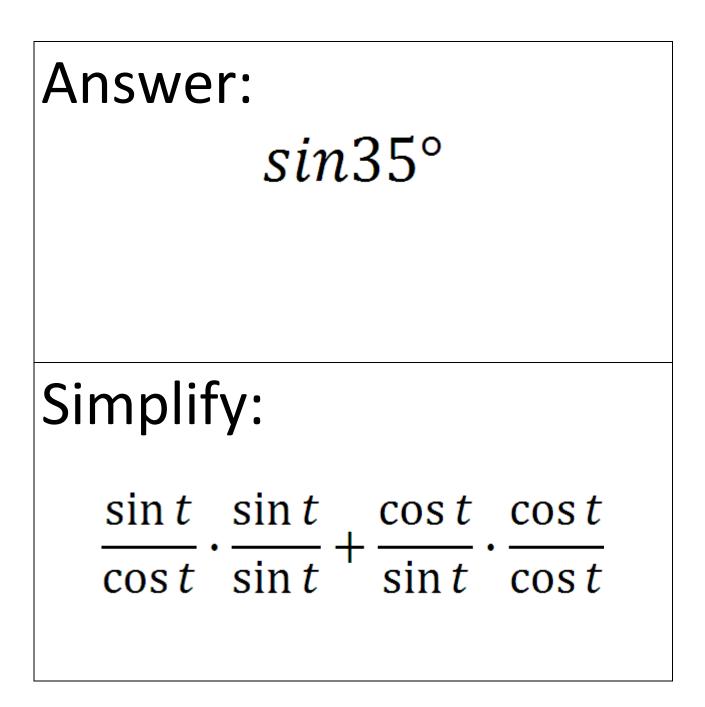
Directions:



Answer: $t = 0^0, 180^0, 210^0, 330^0$

Simplify:

$\sin 20 \cos 15 + \cos 20 \sin 15$

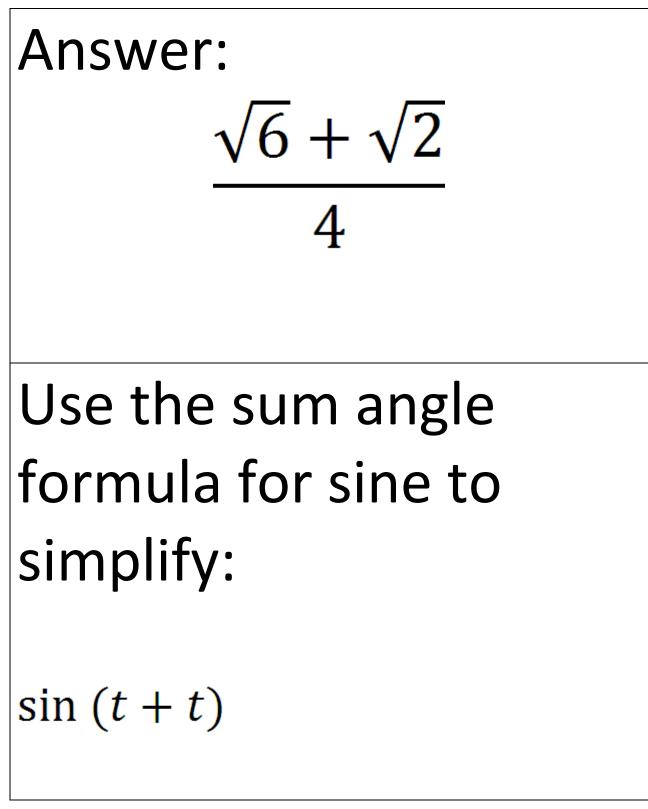


Directions:

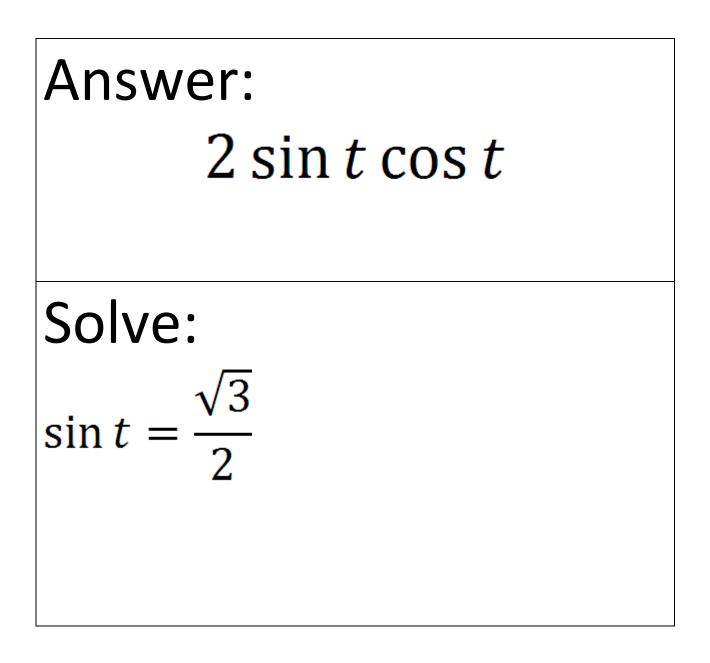
Answer: $\sec t \cdot \csc t$

Problem: Write the exact value of cos 15⁰ using the difference angle formula for cosine.

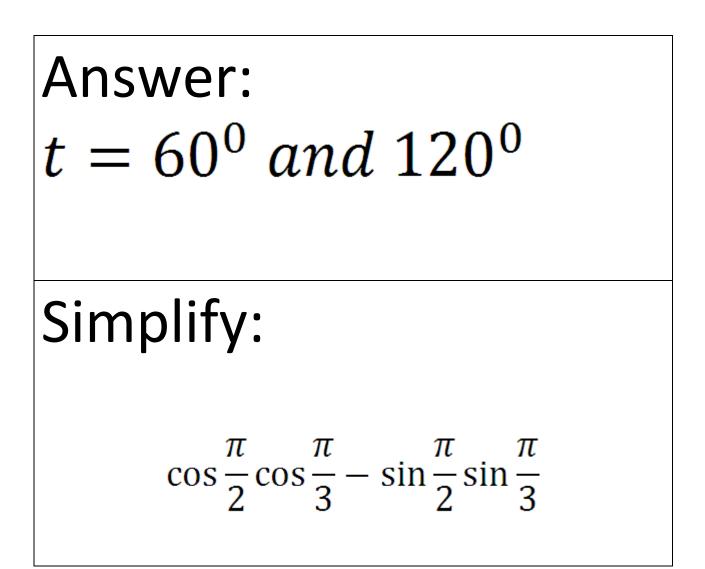
Directions:



Directions:



Directions:



Directions: