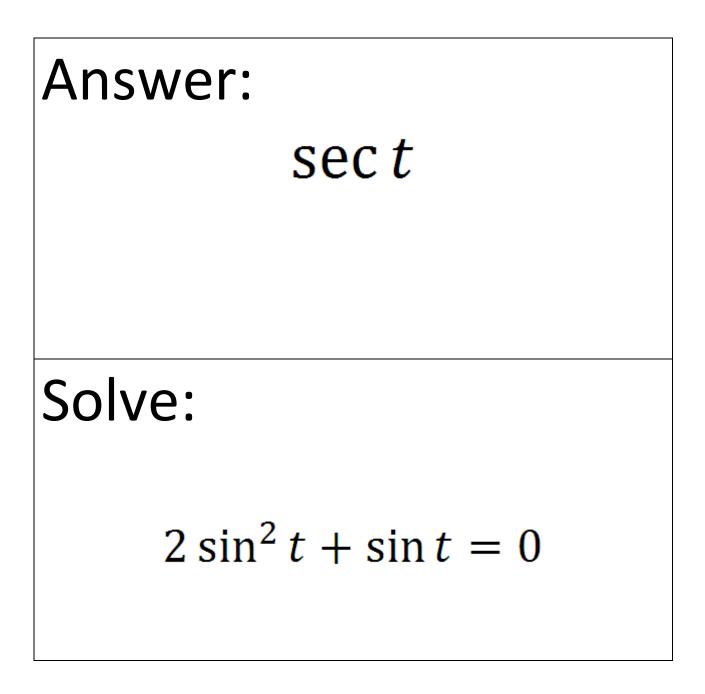


**Directions:** 

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: $\sin t \cdot \tan t + \cos t$

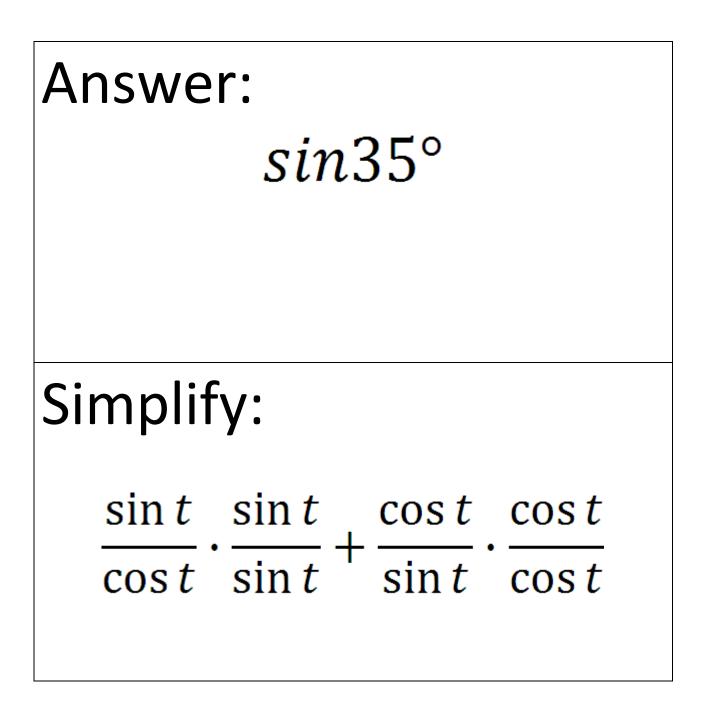
Directions:



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

#### Simplify:

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

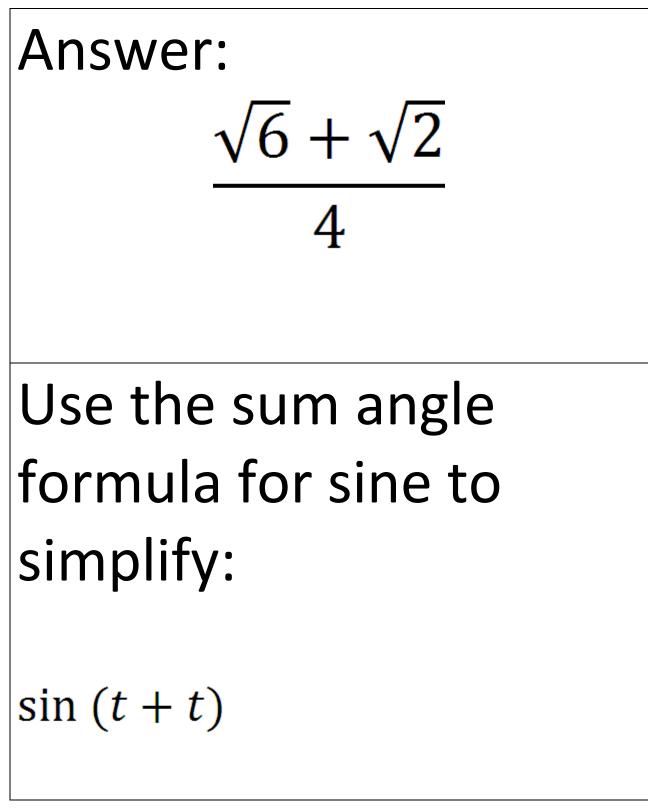


**Directions:** 

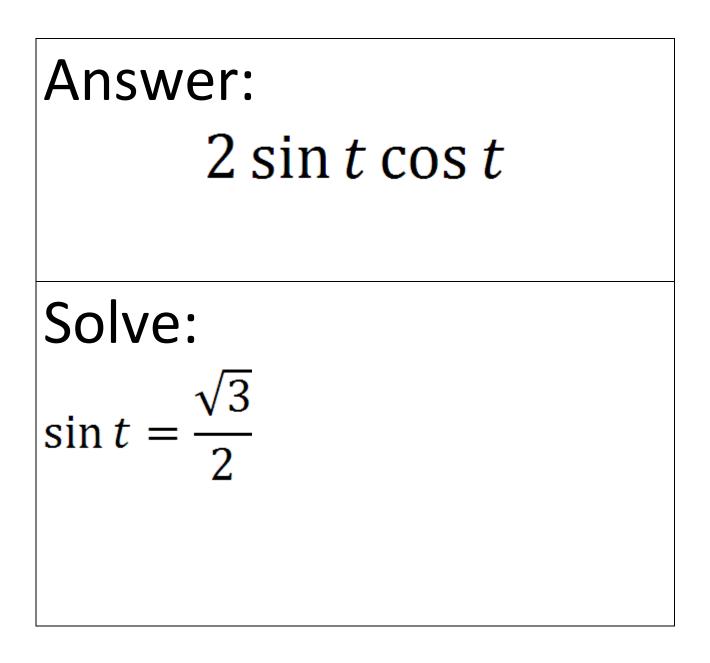
### Answer: $\sec t \cdot \csc t$

Problem: Write the exact value of cos 15<sup>0</sup> using the difference angle formula for cosine.

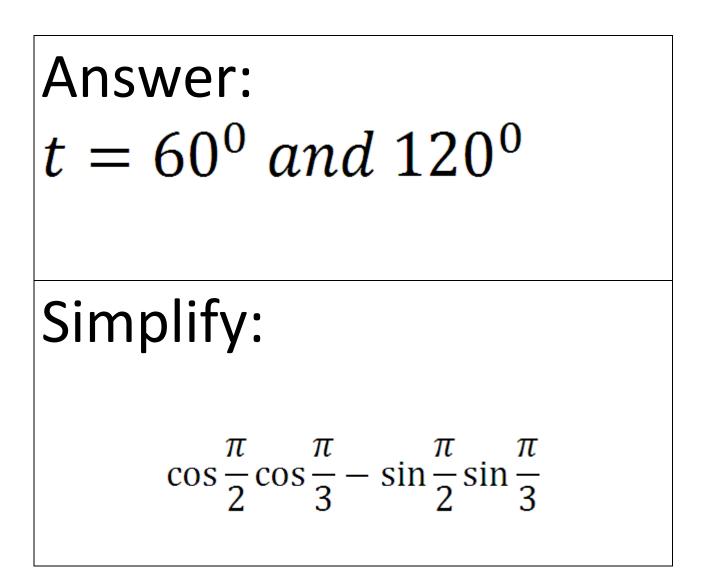
**Directions:** 



**Directions:** 



**Directions:** 



**Directions:**