

Name _____ Date _____

5.4 Worksheet A

Let $\sin A = \frac{1}{2}$ in *QII* and find

1) $\cos \frac{A}{2}$

2) $\tan \frac{A}{2}$

Let $\tan B = -\frac{1}{3}$ in *QIII* and find

3) $\sin \frac{B}{2}$

4) $\sec \frac{B}{2}$

Use the half-angle formula to evaluate:

5) $\tan 22.5^\circ$

6) $\cos 15^\circ$