

Trig. 2ab

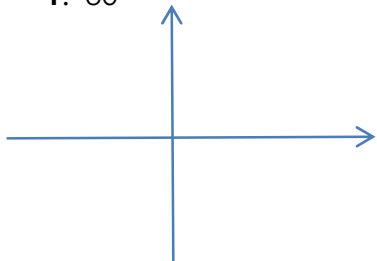
Alg. II B

Name: _____

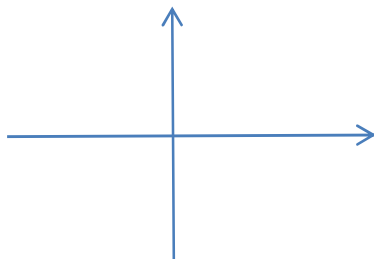
Hour: _____

Find the reference angle for the given angle, then draw and label the SPECIAL RIGHT triangle!

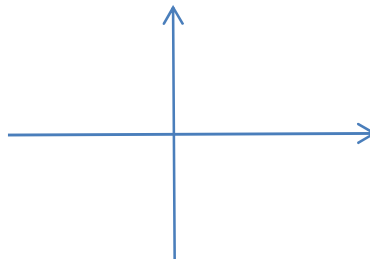
1. 30°



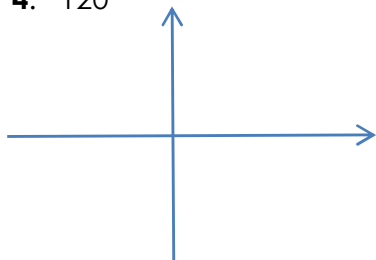
2. 45°



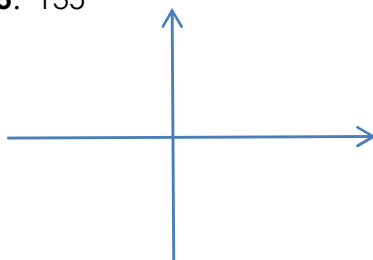
3. 60°



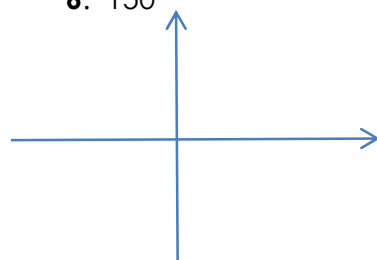
4. 120°



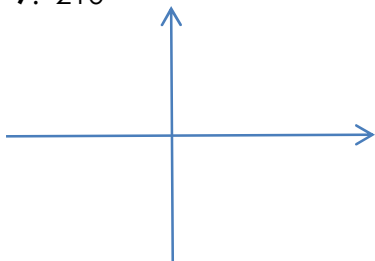
5. 135°



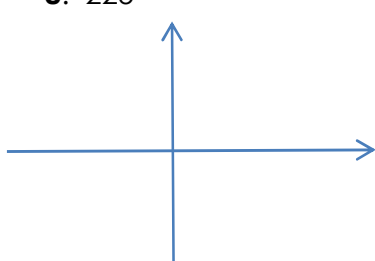
6. 150°



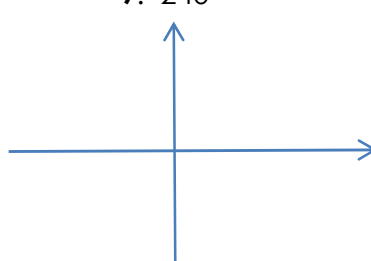
7. 210°



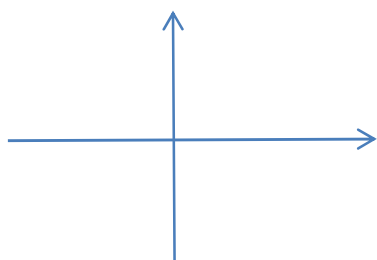
8. 225°



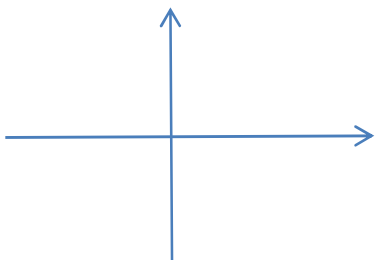
9. 240°



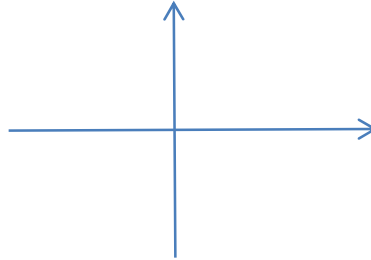
10. 300°



11. 315°



12. 330°



Use the triangles from problems #1-12 and SOH CAH TOA to evaluate the following Trig Functions.

13. $\sin 30^\circ =$

14. $\sin 45^\circ =$

15. $\sin 60^\circ =$

16. $\cos 120^\circ =$

17. $\cos 135^\circ =$

18. $\cos 150^\circ =$

19. $\tan 210^\circ =$

20. $\tan 225^\circ =$

21. $\tan 240^\circ =$

22. $\sin 300^\circ =$

23. $\cos 315^\circ =$

24. $\tan 330^\circ =$