

SM3H 8.4 odd answers

1. $\frac{\pi}{3}$

3. $-\frac{\pi}{12}$

5. $30^\circ - 45^\circ$ or $300^\circ + 45^\circ$

7. $\frac{\sqrt{2}+\sqrt{6}}{4}$

9. $\frac{-\sqrt{3}+1}{1+\sqrt{3}}$

11. $\frac{\sqrt{2}-\sqrt{6}}{4}$

13. $\sin 90^\circ = 1$

15. $\tan\left(\frac{2\pi}{15}\right)$

17. $-\sin\left(\frac{7\pi}{10}\right)$

19. $\frac{87}{425}$

21. $\sin^2 x$

23. work is the answer

25. work is the answer

27a. $\cos x \cos y - \sin x \sin y$

27b. $\cos x \cos y + \sin x \sin y$

29. work is the answer