

SM3H 8.3 odd answers

1. $\frac{13\pi}{12}$

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

5. $210^\circ - 45^\circ$, or $120^\circ + 45^\circ$

7. $\frac{2\pi}{3} - \frac{\pi}{4}$ or $\frac{\pi}{6} + \frac{\pi}{4}$

9. $\frac{-\sqrt{6}+\sqrt{2}}{4}$

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

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

15. $\cos(21^\circ)$

17. $\cos\left(\frac{3\pi}{10}\right)$

19. $-\frac{63}{65}$

21. $\frac{527}{625}$

23. d

25. c

27. $\frac{\sqrt{2}}{2}$

29. $-\sin \alpha$

31. $-\cos \alpha$

32-35 work is answer

37. work is part of answer $-\cos^2 x$