

Section 7.3 Hint

4. Let $x=4\sin\theta$.

5. Let $t=\sec\theta$.

9. Let $x=4\tan\theta$.

14. Let $u=\sqrt{5}\sin\theta$.

16. Let $x=\frac{\sec\theta}{3}$.

22. Let $x=\tan\theta$.

35. The area of sector POR = area ΔPOQ + area PQR.(or hint of the book)

43. You can try the method of cylindrical shells.