

1. Answer:  $4\pi + 6$  in
2. Answer:  $\frac{5\sqrt{6}}{2}$
3. Answer:  $\frac{\sqrt{2}}{24}$
4. Answer:  $2\sqrt{3} + 8$
5. Answer:  $\frac{5\sqrt{3}}{6}$
6. Answer:  $\sqrt{\frac{148}{3}}$
7. Answer:  $\sqrt{3}$ .
8. Answer:  $\frac{2}{3}$
9. Answer:  $\frac{\pi}{4}$
10. Answer:  $6\sqrt{2}\pi$