

3.2 plane figures

1. 12.5 feet
2. 6π m; about 18.85 m
3. $16\pi m^2$; about $50.27 m^2$
4. $8\pi yd^2$; about $25.13 yd^2$
5. 84 in
6. $84 in^2$
7. $20.8 cm^2$
8. $29.24 ft^2$
9. $30 in^2$
10. $384 ft^2$
11. about 7.08 ft
12. about 20.71 in
13. $64 + 2\pi ft^2$; about $70.28 ft^2$
14. $\frac{9}{2}\pi + 12 in^2$; about $26.24 in^2$