

Geometry 9.1a Solutions

1. Possible answers: AF, BF, CF, DF, EF
2. Possible answers: BE and AC
3. A
4. C
5. B
6. 65°
7. 250°
8. 70°
9. 135°
10. $12\pi \approx 37.699$ in
11. $17\pi \approx 53.407$ cm
12. $\frac{63}{2\pi} \approx 10.027$ ft
13. $\frac{529\pi}{4} \approx 415.476$ cm²
14. $\frac{9\pi}{4} \approx 7.069$ in²
15. 300°
16. 150°
17. 210°
18. 16π in² ≈ 50.27 in²
19. 25π ft² ≈ 78.54 ft²
20. ≈ 7.00 m
21. 52 cm
22. 87.96 cm
23. 49.44 m²