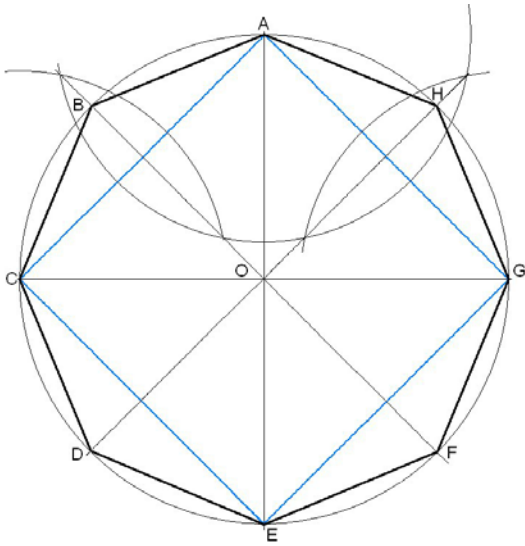




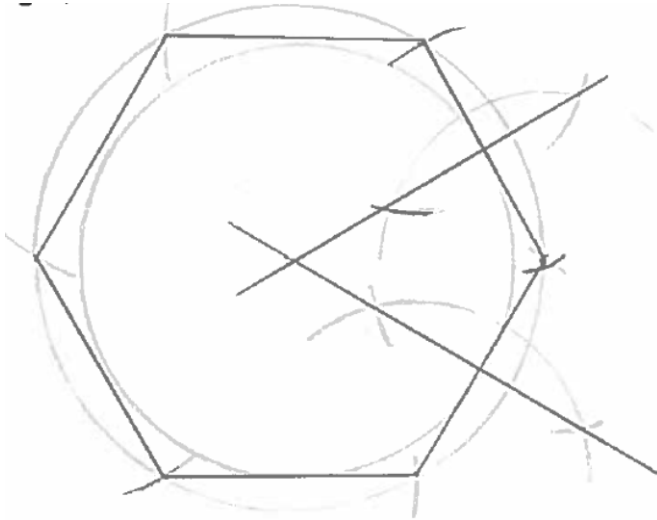
11.



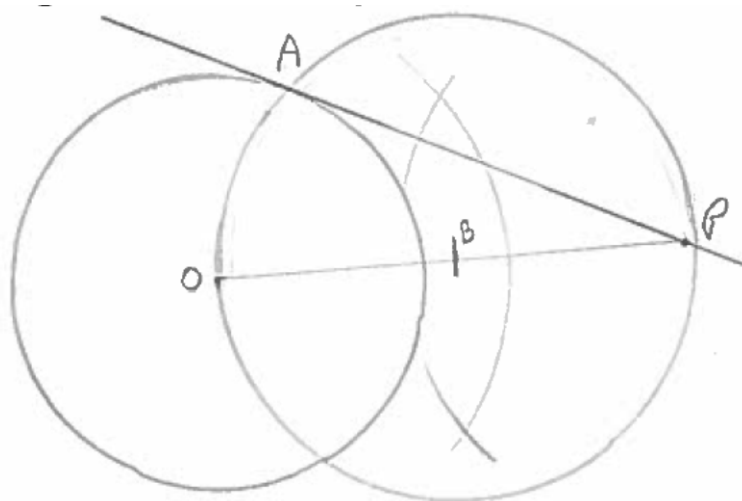
12.  $20^\circ$

13. 9 sides

14. -



15.



16.  $89.98 \text{ cm}^2$

17.  $A = 43.5 \text{ in}^2$ ;  $P = 37 \text{ in}$ .

18.  $36\sqrt{3}$  in<sup>2</sup> (exactly) or 62.35 in<sup>2</sup> (approximately)
19. The area is quadrupled.
20. 3 gallons
21. 126 cm<sup>2</sup>
22. 5.3 cm<sup>2</sup>
23.  $A = 25\pi$  ft<sup>2</sup>;  $C = 10\pi$  ft
24. 36.2 in<sup>2</sup>
25. 13.7 in<sup>2</sup>
26.  $C = (200 + 100\pi)$  yd;  $A = (10,000 + 2500\pi)$  yd<sup>2</sup>
27. 802.68 cm<sup>2</sup> (approximately)
28. 9.1 cm<sup>2</sup>
29.  $A = 6\pi$  cm<sup>2</sup>;  $P = (2\pi + 12)$  cm
30. 351.9 in<sup>2</sup> (approximately)
31. 420 ft<sup>2</sup>
32. 2,338.3 yd<sup>2</sup>
33. 750 in<sup>2</sup>