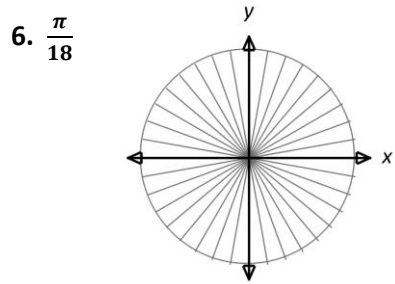
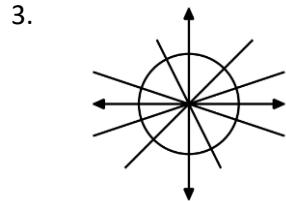
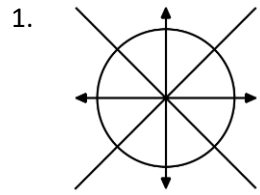
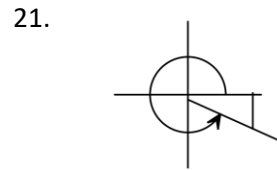
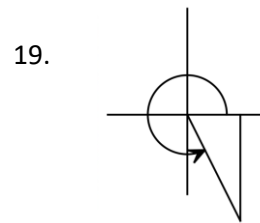
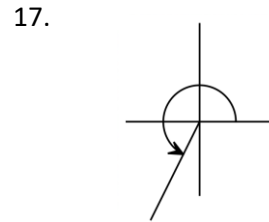
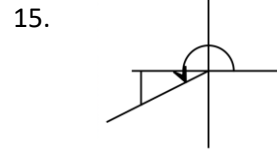
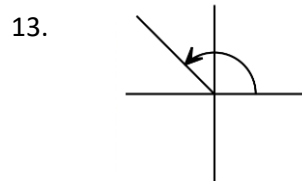
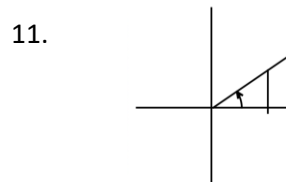
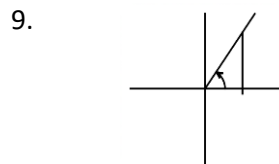
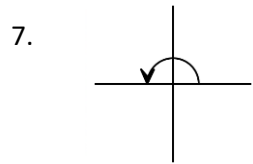


SM3 8.2 odd answers



Part A



Part B

7. none

9. $\frac{\pi}{3}$

11. $\frac{\pi}{6}$

13. $\frac{\pi}{4}$

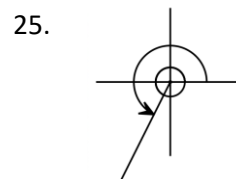
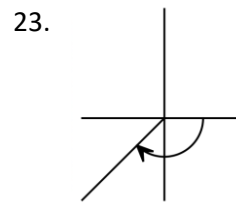
15. $\frac{\pi}{6}$

17. $\frac{\pi}{3}$

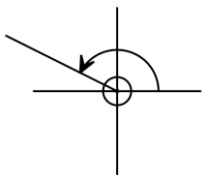
19. $\frac{\pi}{3}$

21. $\frac{\pi}{6}$

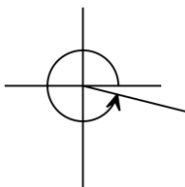
Part C



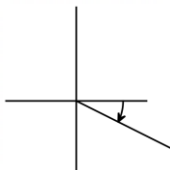
27.



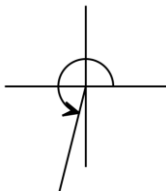
29.



31.



33.



57. I

59. Reference angle: $\frac{7\pi}{18}$

Coterminal angle: $\frac{47\pi}{18}$

61. Reference angle: $\frac{5\pi}{12}$

Coterminal angle: $\frac{31\pi}{12}$

63. Reference angle: $\frac{\pi}{6}$

Coterminal angle: $\frac{\pi}{6}$

65. Reference angle: $\frac{\pi}{4}$

Coterminal angle: $-\frac{\pi}{4}$

Part D

23. $\frac{\pi}{4}$

25. $\frac{\pi}{3}$

27. $\frac{\pi}{6}$

29. $\frac{\pi}{12}$

31. $\frac{\pi}{6}$

33. $\frac{4\pi}{9}$

35. $\frac{16\pi}{3}, -\frac{2\pi}{3}$

37. $\frac{23\pi}{6}, -\frac{\pi}{6}$

39. $\frac{35\pi}{12}, -\frac{13\pi}{12}$

41. $\frac{7\pi}{3}, -\frac{5\pi}{3}$

43. IV

45. III

47. II

49. I

51. IV

53. I

55. IV