

In 39–50, find the smallest positive value of θ to the nearest degree.

39. $\sin \theta = 0.3455$

40. $\cos \theta = 0.4383$

41. $\tan \theta = 0.2126$

42. $\cos \theta = 0.7660$

43. $\tan \theta = 0.7000$

44. $\sin \theta = 0.9990$

45. $\cos \theta = 0.9990$

46. $\tan \theta = 1.8808$

47. $\sin \theta = 0.5446$

48. $\cos \theta = 0.5446$

49. $\tan \theta = 1.0355$

50. $\tan \theta = 12.0000$

In 51–58, find the smallest positive value of θ to the nearest minute.

51. $\sin \theta = 0.2672$

52. $\cos \theta = 0.2672$

53. $\sin \theta = 0.9692$

54. $\cos \theta = 0.9692$

55. $\sin \theta = 0.6534$

56. $\cos \theta = 0.6534$

57. $\tan \theta = 7.3478$

58. $\tan \theta = 0.0892$