

43. If  $\sin t = \frac{\sqrt{2}}{2}$ , what is the  $\sin(-t)$ ?

44. If  $\cos t = \frac{1}{2}$ , what is the  $\cos(-t)$ ?

45. If  $\sec t = 3.1$ , what is the  $\sec(-t)$ ?

46. If  $\csc t = 0.34$ , what is the  $\csc(-t)$ ?

47. If  $\tan t = -1.4$ , what is the  $\tan(-t)$ ?

48. If  $\cot t = 9.23$ , what is the  $\cot(-t)$ ?

For the following exercises, use identities to simplify the expression.

70.  $\csc t \tan t$

71.  $\frac{\sec t}{\csc t}$

67. Determine whether the function

$f(x) = 3\sin^2 x \cos x + \sec x$  is even, odd, or neither.

68. Determine whether the function

$f(x) = \sin x - 2\cos^2 x$  is even, odd, or neither.

69. Determine whether the function

$f(x) = \csc^2 x + \sec x$  is even, odd, or neither.