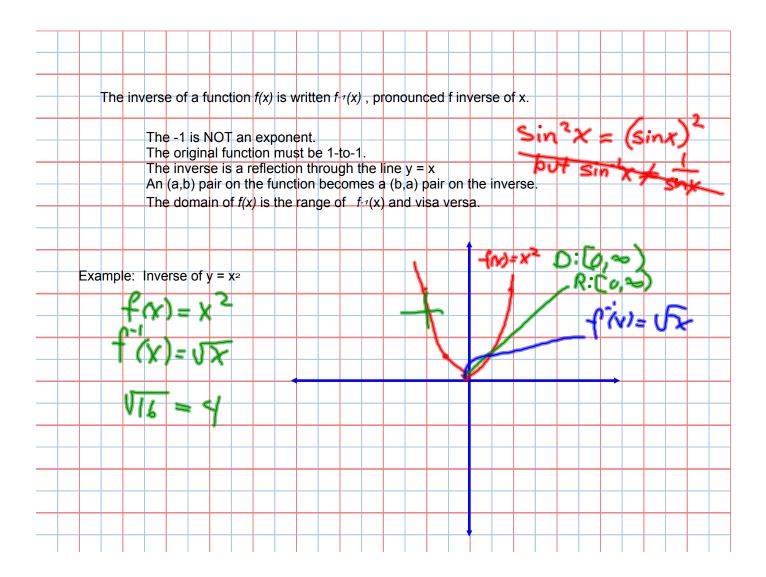
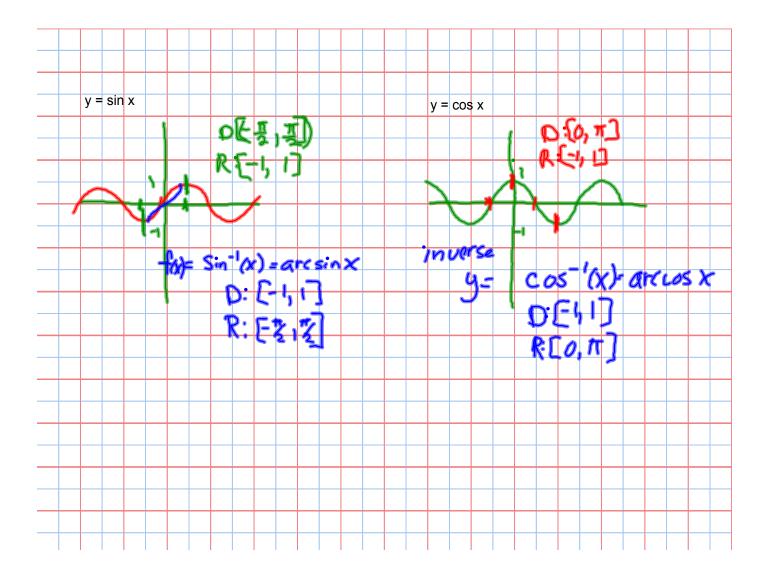
1.7 ~ Inverse Trigonometric Functions

You will learn to:

Evaluate and graph the inverse sine function. Evaluate and graph the other inverse trigonometric functions.

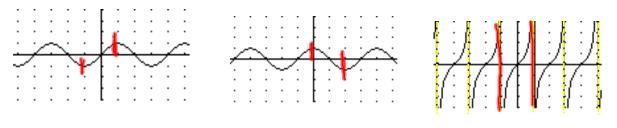




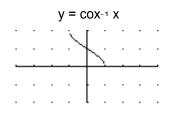
y = sin x

y = cos x

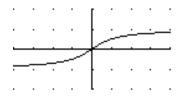




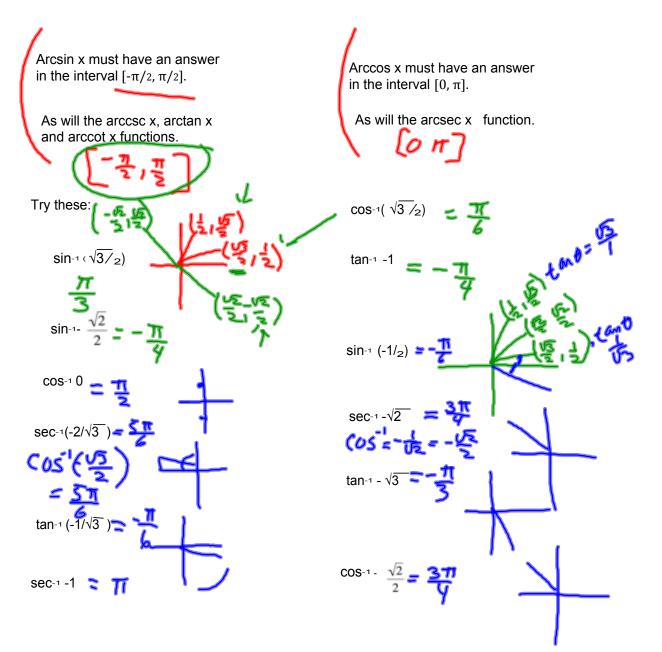
y = sin-1 x

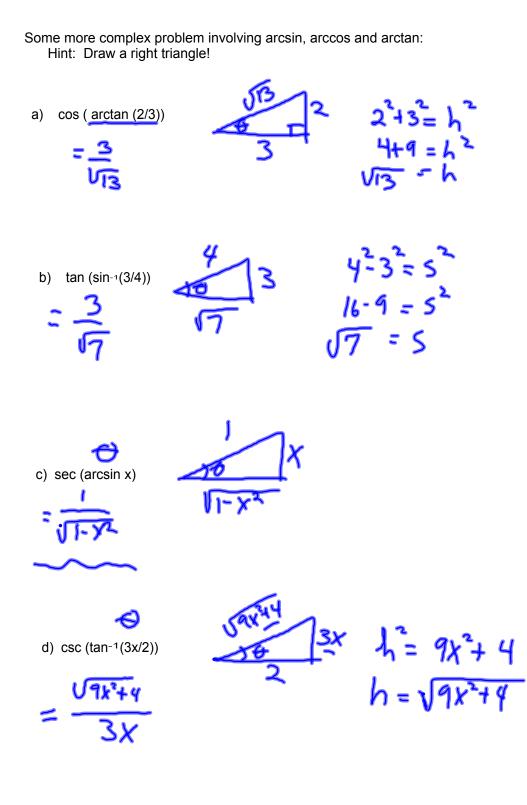


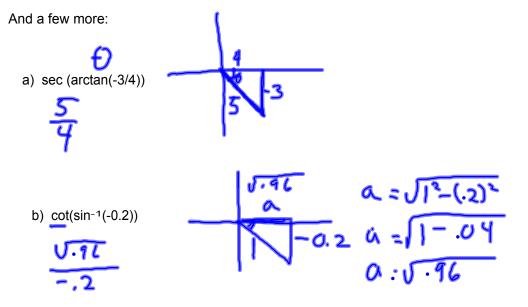




The important thing to remember is the answer to a question about an inverse function is unique and must come from a certain range.







c) A plane flies at an altitude of 6 miles toward a point directly over an observer. Write the angle \emptyset as a function of x, the horizontal distance from the observer to a point on the ground directly below the airplane.

