347/ 5, 9-12, 17, 23, 29, 37, 47, 63, 71, 75, 77, 101-104

5. Show that f and g are inverse functions analytically and graphically.

$$f(x) = \sqrt{x-4} \qquad g(x) = x^2 + 4 \qquad x >= 0$$

9 - 12. Match the graph with its inverse. 9 is c, 10 is b, 11 is a, and 12 is d.

17. Graph the function and determine whether it is 1:1 on its entire domain.

$$h(s) = \frac{1}{s-2} - 3 \qquad h'(s) =$$