

Let  $g(x) = \frac{x}{9+x}$  and  $f(x) = \sqrt[3]{x}$ . Then  $(f \circ g)(x) = f(g(x)) =$   
 $f\left(\frac{x}{9+x}\right) = \sqrt[3]{\frac{x}{9+x}} = G(x)$ .