Ch1 Part 4 Wednesday, September 22, 2021 12:27 PM

$$\begin{array}{l} \begin{array}{l} \begin{array}{l} \begin{array}{c} (\operatorname{composition} \\ (\operatorname{f} \circ g ) (x) = f (g(x)) \end{array} \end{array} \\ \begin{array}{c} \begin{array}{c} \operatorname{Exp} f(x) = \sqrt{x} & \operatorname{and} & g(x) = x^{2} \\ \end{array} \\ \begin{array}{c} \operatorname{Find} (1) & D(f) & D(g) \\ D(f) = [o, \infty) \\ D(g) = 1R = (-\infty, \infty) \end{array} \end{array} \\ \begin{array}{c} \begin{array}{c} \operatorname{f} \circ g ) (x) = f (g(x)) \\ \end{array} \\ \begin{array}{c} \operatorname{f} \circ g ) (x) = f (g(x)) \\ \end{array} \\ \begin{array}{c} \operatorname{f} \circ g ) (x) = f (g(x)) \\ \end{array} \\ \begin{array}{c} \operatorname{f} \circ f ) (x) = g (f(x)) = g (\sqrt{x}) = (\sqrt{x}) \\ \end{array} \\ \begin{array}{c} \operatorname{f} \circ f ) (x) = g (f(x)) \\ \end{array} \\ \begin{array}{c} \operatorname{f} \circ f ) (x) = g (f(x)) \\ \end{array} \\ \begin{array}{c} \operatorname{f} \circ f ) (x) = g (f(x)) \\ \end{array} \\ \begin{array}{c} \operatorname{f} \circ f (x) = \sqrt{x} \end{array} \\ \begin{array}{c} \operatorname{f} \circ f (x) = \sqrt{x} \end{array} \end{array} \\ \begin{array}{c} \operatorname{f} (x) = \sqrt{x} \end{array} \\ \begin{array}{c} \operatorname{f} (x) = \sqrt{x} \end{array} \end{array} \\ \begin{array}{c} \operatorname{f} (x) = \sqrt{x} \end{array} \\ \begin{array}{c} \operatorname{f} (x) = \sqrt{x} \end{array} \end{array}$$