Questions: the density of water at 4 degrees Celsius is 1.00 x 10^3 kg/m^3. what is water's density at 94 degrees Celsius?

Solution) In general density can be changed by changing either the pressure or the temperature. Increasing the pressure will always increase the density of a material. Increasing the temperature generally decreases the density, but there are notable exceptions to this generalisation. For example, the density of water increases between its melting point at 0 °C and 4 °C and similar behaviour is observed in silicon at low temperatures.

Density of water

Temperature		Density (at 1 atm)
°C	°F	kg/m³
0.0	32.0	999.8425
4.0	39.2	999.9750
15.0	59.0	999.1026
20.0	68.0	998.2071
25.0	77.0	997.0479
37.0	98.6	993.3316
50.0	122.0	988.04
100.0	212.0	958.3665