	Faculty of Chemical & Natural Resources Engineering
	Universiti Malaysia Pahang
	SCIENCE & ENGINEERING MATERIAL
	Quiz Chapter 3

Question

Tungsten is a body-centered cubic (BCC) metal with an atomic radius of 0.137 nm and atomic mass of 183.85 g/mol. Calculate the density of tungsten.

Formula for density is given as:

$$\rho = nA/V_cN_A.$$