Home work Assignment (In class)

$LFPR = \frac{LF}{WAP}$

For the hypothetical economy, the unemployment rate is 9%
Working age population is 240m
Total labour force participation is 64.2% = 0.642

Calculations

$LF = (LFPR \times WAP)$

$= (.642 \times 240)$

$= \boxed{154.08}$

a) How many in the labour force?

154.08

$UR = \frac{LF - ELF}{LF}$ UR: 0.09

$0.09 = \frac{\text{unemployed}}{154.08}$

$(0.09 \times 154.08) = \boxed{13.8672}$

b) How many people are unemployed?

13.8672

Employment to pop ratio $= \frac{\text{employed}}{WAP}$

$\text{employed} = \frac{(1-UR)LF}{WAP}$

$= \frac{0.91(154.08)}{240} = \boxed{0.58422}$

c) employement to population ratio

0.58422