Q1

1. Nominal GDP (2010):

25\*10+15\*12=$430

Real GDP (2010):

430/100\*100=$430

Nominal GDP (2011):

30\*10.5+20\*12.5=$565

GDP deflator of 2011 is 100.5

Real GDP (2011)

30\*10+20\*12=$540

1. Rate of growth= (540-430)/430\*100=25.58%

Rule of 72 = 72/25.58=2.81

So, it need 2.81 years to double the country’s GDP

Q2

1. GDP is the production in a year in the country that no matter who produced.

GNP is the production in a year that the citizen-produced no matter where they are.

NNP is the GDP that is net of depreciation.

NI is a measure of the income payments that actually go to resources.

PI is the income with individuals pays personal taxes, save and consume.

1. GDP=2030+1200+150+200-300=$3280

GNP=3280+0-0=$3280

NNP=3280-800=$2480

NI=2480-600=$1880

PI=1880-100+150=$1930