

1/ Multiply quantity $\times$ market price

Item	quantity	Price	Value
Automobiles	1,000,000	\$10,000	\$10.0B
Clothing	5,000,000	\$100	\$0.5B
Food	10,000,000	\$0.20	\$0.2B
Dwelling units	2,000,000	\$200,000	\$400B
Airway services	1,000,000 hrs	\$50/hr	\$0.05B
Medical services	2,000,000 hrs	\$30/hr	\$0.06B
Wheat	20,000,000 lbs	\$1	\$0.02B
National Seals	3,000,000 lbs	\$30/lb	\$0.09B

Total nominal GDP = 410.14 billion

2) No.

A rise in nominal GDP from \$500 billion to \$550 billion does not necessarily mean that aggregate production in terms of job opportunities increased.

Because

→ Nominal GDP is affected by price changes (inflation)

3) GDP measures the market value of all final goods and services produced in an economy. If we include intermediate goods as well GDP becomes overestimated.

Reason: Double counting.

4/ Given

→ Total market value of all values (including intermediate goods) = \$10.000 billion

→ Market value of intermediate good = \$6.000 billion

Formula:

Value added (GDP) = Total sales - Intermediate goods

Calculation

10,000 billion

6,000 billion

4,000 billion

81 To find gross private domestic investment
GDP expenditure formula.

$$GDP = C + I + G + NX$$

GDP = \$ 4500 billion

Consumption (C) = \$ 3000 billion

Net exports (NX) = 0.

Substitute into the formula.

$$4,500 = 3,000 + I + 1,000 = 0$$

$$4,500 = 4,000 + I$$

$$I = 4,500 - 4,000 = \underline{\$500 \text{ billion}}$$