



# Number Process



Use the following data to answer the following questions.

| <b>AXIS</b>  | <b>MILITARY Budget</b> | <b>Home Front Budget</b> | <b>TOTAL Budget</b> |
|--|------------------------|--------------------------|---------------------|
| GERMANY  | 3,500,000              | 700,000                  |                     |
| JAPAN  | 2,000,000              | 350,000                  |                     |
| ROMANIA  | 300,000                | 160,000                  |                     |
| HUNGARY  | 140,000                | 290,000                  |                     |
| ITALY  | 330,000                | 80,000                   |                     |
| AUSTRIA  | 230,000                | 104,000                  |                     |
| FINLAND  | 82,000                 | 2,000                    |                     |
| <b>AXIS TOTAL</b>  | <b>6,582,000</b>       | <b>1,686,000</b>         |                     |
| <b>ALLIED</b>  | <b>MILITARY</b>        | <b>Home Front</b>        | <b>TOTAL</b>        |
| SOVIET UNION   | 10,000,000             | 10,000,000 *             |                     |
| CHINA  | 2,500,000              | 7,500,00                 |                     |
| POLAND   | 100,00                 | 5,700,000                |                     |
| YUGOSLAVIA   | 300,000                | 1,400,000                |                     |
| FRANCE   | 250,000                | 350,000                  |                     |
| CZECHOSLOVAKIA   | 200,000                | 215,000                  |                     |
| UNITED STATES  | 400,000                | —                        |                     |
| UNITED KINGDOM<br>(ENGLAND, SCOTLAND,<br>WALES, AND NORTHERN<br>IRELAND) | 326,000                | 62,000                   |                     |
| NETHERLANDS  | 12,000                 | 198,000                  |                     |
| GREECE   | 20,000                 | 140,000                  |                     |
| BELGIUM  | 12,000                 | 76,000                   |                     |
| CANADA   | 37,000                 | —                        |                     |
| INDIA  | 24,000                 | 13,000                   |                     |
| AUSTRALIA  | 23,000                 | 12,000                   |                     |
| ALBANIA  | 28,000                 | 2,000                    |                     |
| BULGARIA   | 10,000                 | 10,000                   |                     |

|                     |                   |                   |                   |
|---------------------|-------------------|-------------------|-------------------|
| NEW ZEALAND         | 10,000            | 2,000             |                   |
| NORWAY              | 6,400             | 3,900             |                   |
| SOUTH AFRICA        | 7,000             | —                 |                   |
| ETHIOPIA            | 5,000             | —                 |                   |
| LUXEMBOURG          | 5,000             | —                 |                   |
| MALTA               | —                 | 2,000             |                   |
| DENMARK             | 400               | 1,000             |                   |
| BRAZIL              | 1,000             | —                 |                   |
| <b>ALLIED TOTAL</b> | <b>14,276,800</b> | <b>25,686,900</b> | <b>39,963,700</b> |
| <b>EST. TOTAL</b>   | <b>20,858,800</b> | <b>27,372,900</b> | <b>48,231,700</b> |

1. Find the total budget for each country and put the answers into the chart.
2. A mistake was made estimating the military in Germany. It was overestimated by around 12500. Can you find the new total?
3. In France the home front budget was an estimated 350,000. Most of these came from 8 major cities. If there was an equal amount for each city how much would each get?
4. How much more was the military budget in Germany than in Austria?
5. How much lower was the total budget of the United Kingdom than the Soviet Union?
6. What is the total budget of the following countries combined? (Austria, Italy and Germany)
7. What is the total budget of the following countries combined? (Poland, France, United States, Canada and the United Kingdom)
8. Using words, write the overall total budget of all countries during WWII.

9. Using words, write the estimated total of military budget in WWII.
10. Using words, write the total of the home front budgets for Axis countries.
11. Can you find the mean budget for:
  - a) Axis countries?
  - b) Allied countries?
12. Can you find the range of the budgets for:
  - a) Axis countries?
  - b) Allied countries?
13. Can you find the median for the budgets for:
  - a) Axis countries?
  - b) Allied countries?
14. Using a calculator
  - a) Find the percentage of the military budget in relation to the total of the Axis countries.
  - b) Convert each of these percentages into decimal notation.