Assignment 7

If you are unable to submit this assignment electronically, please hand in a hard copy at your class time.

1. For each of the following situations, determine the number of groups and the number of elements in each group:

- a) A group of 12 students, with 3 groups of 4 students each.
- b) A group of 20 people, with 4 groups of 5 people each.
- c) A group of 25 people, with 5 groups of 5 people each.
- d) A group of 24 people, with 4 groups of 6 people each.
- e) A group of 15 people, with 3 groups of 5 people each.

2. A recipe requires 3 cups of flour and 2 cups of sugar. If you are baking 7 batches of this recipe, how much flour and sugar do you need in total?

3. A classroom has 24 students, divided into 4 equal groups. Each group needs to complete a project. How many students are in each group?

4. A school has 180 students, divided into 9 equal groups. Each group needs to perform a presentation. How many students are in each group?

5. A store has 500 apples, divided into 10 equal boxes. Each box contains how many apples?

6. A bakery makes 48 cupcakes, divided into 6 equal trays. Each tray contains how many cupcakes?

7. A video game has 12 levels, divided into 3 equal parts. Each part contains how many levels?

8. A book has 240 pages, divided into 8 equal chapters. Each chapter contains how many pages?

9. A party has 50 guests, divided into 5 equal groups. Each group contains how many guests?

10. A school has 360 students, divided into 6 equal classes. Each class contains how many students?