

Name _____

Adding & Subtracting Masses

When we **add** masses, we find the **total weight** of two or more objects.
When we **subtract**, we find the **difference in weight**.

- Use the **same unit** (grams or kilograms) before adding or subtracting.
- If needed, **convert** kilograms to grams ($1 \text{ kg} = 1,000 \text{ g}$).



1. A bag of rice weighs 2.5 kg and a bag of beans weighs 1.2 kg. What is their total mass? _____ kg
2. A loaf of bread weighs 800 g and a carton of milk weighs 1.2 kg. What is the total mass in grams? _____ g
3. A watermelon weighs 5.4 kg and a cantaloupe weighs 3.8 kg. How much heavier is the watermelon? _____ kg
4. A box of cereal weighs 650 g and a jar of jam weighs 750 g. Find the total mass. _____ g
5. A family buys 3 bags of potatoes, each weighing 4.5 kg. What is the total weight? _____ kg
6. A pack of butter weighs 250 g. How much do 4 packs weigh together? _____ g
7. A large cheese wheel weighs 12 kg. After slicing, 4.5 kg remains. How much cheese was sold? _____ kg
8. A customer buys 2.75 kg of apples and 3,250 g of oranges. What is the total mass in kilograms? _____ kg
9. A small bag of sugar weighs 750 g, and a large one weighs 2.5 kg. How much heavier is the large bag? _____ kg
10. A grocery delivery truck carries 180 kg of fruit and 220 kg of vegetables. What is the combined mass? _____ kg
11. A sack of flour weighs 25 kg. After baking, 8.5 kg remains. How much flour was used? _____ kg
12. A shopper buys 1.5 kg of rice, 2.3 kg of beans, and 1.2 kg of pasta. Find the total weight. _____ kg