

St. Mary's Co Ed School, Harda
Class – II
Subject – Mathematics
Chapter – 9 Mass

Exercise – 9.1

Look at the given picture and fill in the blanks.

1 pencil is balanced with 4 sharpeners.

- 1) The mass of a pencil is equal to 4 sharpeners.
- 2) The mass of 2 pencils will be 8 sharpeners.
- 3) 12 sharpeners. Can balance 3 pencils.
- 4) Mass of 5 pencils = 20 sharpeners.

Exercise – 9.2

Add the following.

$$\begin{array}{r} 1) \quad 3 \ 2 \ 6 \ g \\ + \ 2 \ 5 \ 0 \ g \\ \hline 5 \ 7 \ 6 \ g \end{array}$$

$$\begin{array}{r} 2) \quad 2 \ 4 \ 0 \ g \\ + \ 2 \ 7 \ 6 \ g \\ \hline 5 \ 1 \ 6 \ g \end{array}$$

$$\begin{array}{r} 3) \quad 3 \ 8 \ 5 \ g \\ + \ 6 \ 0 \ g \\ \hline 4 \ 4 \ 5 \ g \end{array}$$

$$\begin{array}{r} 4) \quad 4 \ 2 \ 9 \ g \\ + \ 2 \ 4 \ 5 \ g \\ \hline 6 \ 7 \ 4 \ g \end{array}$$

$$\begin{array}{r} 5) \quad 2 \ 5 \ 1 \ g \\ + \ 3 \ 2 \ 2 \ g \\ \hline 5 \ 7 \ 3 \ g \end{array}$$

$$\begin{array}{r} 6) \quad 6 \ 2 \ 0 \ g \\ + \ 1 \ 9 \ 6 \ g \\ \hline 8 \ 1 \ 6 \ g \end{array}$$

$$\begin{array}{r} 7) \quad 3 \ 2 \ 9 \ kg \\ + \ 1 \ 5 \ 9 \ kg \\ \hline 4 \ 8 \ 8 \ kg \end{array}$$

$$\begin{array}{r} 8) \quad 8 \ 5 \ 0 \ kg \\ + \ 5 \ 9 \ kg \\ \hline 9 \ 0 \ 9 \ kg \end{array}$$

$$\begin{array}{r} 9) \quad 3 \ 2 \ 1 \ g \\ + \ 4 \ 7 \ 8 \ g \\ \hline 7 \ 9 \ 9 \ g \end{array}$$

$$\begin{array}{r} 10) \quad 5 \ 3 \ 6 \ g \\ + \ 1 \ 2 \ 9 \ g \\ \hline 6 \ 6 \ 5 \ g \end{array}$$

$$\begin{array}{r} 11) \quad 4 \ 7 \ 2 \ kg \\ + \ 2 \ 4 \ 6 \ kg \\ \hline 7 \ 1 \ 8 \ kg \end{array}$$

$$\begin{array}{r} 12) \quad 3 \ 0 \ 1 \ kg \\ + \ 1 \ 0 \ 3 \ kg \\ \hline 4 \ 0 \ 4 \ kg \end{array}$$

Exercise 9.3

Subtract the following.

$$\begin{array}{r} 1) \quad 6 \ 8 \ kg \\ - \ 4 \ kg \\ \hline 6 \ 4 \ kg \end{array}$$

$$\begin{array}{r} 2) \quad 7 \ 2 \ 9 \ g \\ - \ 4 \ 9 \ 8 \ g \\ \hline 2 \ 3 \ 1 \ g \end{array}$$

$$\begin{array}{r} 3) \quad 5 \ 9 \ kg \\ - \ 5 \ 5 \ kg \\ \hline 0 \ 4 \ kg \end{array}$$

$$\begin{array}{r} 4) \quad 3 \ 0 \ 9 \ g \\ - \ 8 \ 9 \ g \\ \hline 2 \ 2 \ 0 \ g \end{array}$$

$$\begin{array}{r} 5) \quad 1 \ 0 \ 6 \ g \\ - \ 2 \ 5 \ g \\ \hline 0 \ 8 \ 1 \ g \end{array}$$

$$\begin{array}{r} 6) \quad 3 \ 4 \ kg \\ - \ 1 \ 5 \ kg \\ \hline 1 \ 9 \ kg \end{array}$$

$$\begin{array}{r} 7) \quad 8 \ 2 \ 7 \ g \\ - \ 4 \ 9 \ 0 \ g \\ \hline 3 \ 3 \ 7 \ g \end{array}$$

$$\begin{array}{r} 8) \quad 7 \ 2 \ 5 \ g \\ - \ 6 \ 5 \ 0 \ g \\ \hline 0 \ 7 \ 5 \ g \end{array}$$

$$\begin{array}{r} 9) \quad 9 \ 3 \ g \\ - \quad 2 \ 1 \ g \\ \hline 7 \ 2 \ g \end{array}$$

$$\begin{array}{r} 10) \quad 3 \ 5 \ kg \\ - \quad 1 \ 8 \ kg \\ \hline 1 \ 7 \ kg \end{array}$$

$$\begin{array}{r} 11) \quad 7 \ 4 \ 1 \ g \\ - \quad 7 \ 1 \ 0 \ g \\ \hline 0 \ 3 \ 1 \ g \end{array}$$

$$\begin{array}{r} 12) \quad 8 \ 3 \ 2 \ g \\ - \quad 6 \ 1 \ 2 \ g \\ \hline 2 \ 2 \ 0 \ g \end{array}$$

Exercise 9.4

- 1) A man bought 70 kg of sugar and 85 kg of rice. What is the total weight of both?

$$\begin{array}{r} \text{Sol. Sugar} \quad 7 \ 0 \ Kg \\ \text{Rice} \quad + \quad 8 \ 5 \ Kg \\ \hline \text{Total} \quad 15 \ 5 \ Kg \end{array}$$

Ans. 155Kg total weight

- 2) A shopkeeper bought 150 kg of soap and he sold 25 kg soap. How much soap is left with him?

$$\begin{array}{r} \text{Sol. Bought Soap} \quad 1 \ 5 \ 0 \ Kg \\ \text{Rice} \quad - \quad 2 \ 5 \ Kg \\ \hline \text{Left} \quad 1 \ 2 \ 5 \ Kg \end{array}$$

Ans. 125Kg soap left with him.

- 3) Ms. Lucy bought 890 kg of sand for the school sand pit. The sand pit needs 999 kg of sand. How much more sand must Ms. Lucy buy?

$$\begin{array}{r} \text{Sol. Sand need} \quad 9 \ 9 \ 9 \ Kg \\ \text{Rice} \quad - \quad 8 \ 9 \ 0 \ Kg \\ \hline \text{Left} \quad 1 \ 0 \ 9 \ Kg \end{array}$$

Ans. 109Kg sand need more.

- 4) Anna bought 500 g of cake for her birthday. Her friend bought 600 g of cake. How much cake does Anna have for her birthday?

$$\begin{array}{r} \text{Sol. Anna bought} \quad 5 \ 0 \ 0 \ g \\ \text{Her friend bought} \quad + \quad 6 \ 0 \ 0 \ g \\ \hline \text{Toal} \quad 11 \ 0 \ 0 \ g \end{array}$$

Ans. 1Kg100g cake she have

- 5) A vegetable seller sold 456 g of tomatoes and 233 g of onions in a day. What is the total weight of vegetables sold?

$$\begin{array}{r} \text{Sol. Tomatoes} \quad 456 \text{ g} \\ \text{Onions} \quad + 233 \text{ g} \\ \hline \\ \text{Left} \quad 689 \text{ g} \end{array}$$

Ans. 689g soap left with him.

