

Ch.17. MEASURES OF MASS

Subtracting Masses: → To subtract masses,

write the number of kg and g in separate columns. Then subtract like ordinary numbers, starting from the right-hand column.

NOTE: → We can subtract kilograms and grams like ordinary numbers but under grams column grams should be written as three digit numbers, e.g. 25g should be written as 025g and 8g as 008g.

Q.5.(a)

Subtract:

EXERCISE-17B

PAGE-138

$$\begin{array}{r} \text{g} \\ 643 \\ - 528 \\ \hline 115 \text{g Ans} \end{array}$$

$$\begin{array}{r} \text{kg} \\ 116 \\ - 27 \\ \hline 89 \text{kg Ans} \end{array}$$

$$\begin{array}{r} \text{kg} \\ 18 \\ - 11 \\ \hline 07 \text{kg} \end{array} \quad \begin{array}{r} \text{g} \\ 15 \\ - 3 \\ \hline 12 \text{g} \end{array}$$

12g Ans

$$\begin{array}{r} \text{Q.6.(a)} \ 812\text{g} \\ - 471\text{g} = 341\text{g} \text{ Ans} \end{array}$$

Solution: g

$$\begin{array}{r} \textcircled{7} \quad \textcircled{11} \\ 812 \\ - 471 \\ \hline 341\text{g} \end{array}$$

$$\begin{array}{r} \text{Q.7.(a)} \ 632\text{Kg} \\ - 98\text{Kg} = 534\text{Kg} \text{ Ans} \end{array}$$

Solution: kg

$$\begin{array}{r} \textcircled{5} \quad \textcircled{12} \quad \textcircled{12} \\ 632 \\ - 098 \\ \hline 534\text{Kg} \end{array}$$

$$\begin{array}{r} \text{Q.8.(a)} \ 8\text{Kg} \ 734\text{g} \\ - 2\text{Kg} \ 26\text{g} = 6\text{Kg} \ 708\text{g} \text{ Ans} \end{array}$$

Solution:

$$\begin{array}{r} \text{Kg} \quad \text{g} \\ 8 \quad 734 \\ - 2 \quad 026 \\ \hline 6\text{Kg} \ 708\text{g} \end{array}$$

$$\begin{array}{r} \text{Q.8.(d)} \ 450\text{Kg} \ 642\text{g} \\ - 187\text{g} = 450\text{Kg} \ 455\text{g} \text{ Ans} \end{array}$$

Solution: Kg g

$$\begin{array}{r} \text{Kg} \quad \text{g} \\ 450 \quad 642 \\ - \quad \quad 187 \\ \hline 450\text{Kg} \ 455\text{g} \end{array}$$

$$\begin{array}{r} \text{Q.8.(e)} \ 502\text{Kg} \ 630\text{g} \\ - 146\text{Kg} \ 75\text{g} = 356\text{Kg} \ 555\text{g} \text{ Ans} \end{array}$$

Solution: Kg g

$$\begin{array}{r} \text{Kg} \quad \text{g} \\ \textcircled{4} \quad \textcircled{10} \quad \textcircled{12} \quad \textcircled{5} \quad \textcircled{12} \quad \textcircled{10} \\ 502 \quad 630 \\ - 146 \quad 075 \\ \hline 356\text{Kg} \ 555\text{g} \end{array}$$

$$\begin{array}{r} \text{Q.8.(f)} \ 6348\text{Kg} \ 925\text{g} \\ - 2657\text{Kg} = 3691\text{Kg} \ 925\text{g} \text{ Ans} \end{array}$$

Solution: Kg g

$$\begin{array}{r} \text{Kg} \quad \text{g} \\ \textcircled{5} \quad \textcircled{12} \quad \textcircled{14} \\ 6348 \quad 925 \\ - 2657 \quad 000 \\ \hline 3,691\text{Kg} \ 925\text{g} \end{array}$$