

(1) Fill in the blanks.

$$\begin{aligned} \text{(i) } 8 \text{ g } 42 \text{ mg} &= 8 \text{ g} + \dots \text{ mg} \\ &= \dots \text{ mg} + \dots \text{ mg} \\ &= \dots \text{ mg} \end{aligned}$$

$$\begin{aligned} \text{(ii) } 3750 \text{ mg} &= \frac{3750}{1000} \text{ g} \\ &= \dots \text{ g} \end{aligned}$$

$$\begin{aligned} \text{(iii) } 1.275 \text{ g} &= 1 \text{ g} + \dots \text{ mg} \\ &= \dots \text{ mg} + \dots \text{ mg} \\ &= \dots \text{ mg} \end{aligned}$$

$$\begin{aligned} \text{(iv) } 1.275 \text{ g} &= 1.275 \times \dots \text{ mg} \\ &= \dots \text{ mg} \end{aligned}$$

(2) Express the following masses in grammes.

(i) 1245 mg

(ii) 1475 mg

(iii) 2 g 875 mg

(iv) 12 g 8 mg

(3) Express the following masses in milligrammes.

(i) 8 g

(ii) 15 g

(iii) 3 g 750 mg

(iv) 2 g 75 mg

(v) 2.5 g

(vi) 3.005 g

(vii) 3.61 g

(viii)  $1\frac{3}{4}$  g