1. Fill in the blanks:

(i) 1 g = 0.001 kg

799 g = 799 × 0.001 kg

= 0.799 kg (answer)

(ii) 1 kg = 1000 g

8 kg = 8 ×1000 g

= 8000 g

So 8 kg 550 g = 8000 g + 550 g

= 8550 g (answer)

(iii) 1 L = 1000 ml

6.2 L = 6.2 × 1000 ml

= 6200 ml (answer)

1 L = 10 dl

6.2 L = 6.2 × 10 dl

= 62 dl (answer)

(iv) 1 ml = 0.001 L

100 ml = 100 × 0.001 L

= 0.1 L

So 3 L 100 ml = 3 L + 0.1 L

= 3.1 L (answer)

(v) 1 dl = 100 ml

10 dl = 1000 ml

So 10 dl 456 ml = 1000 ml + 456 ml

$$= 1456 \text{ ml (answer)}$$

2. We know,

1 kg = 1000 g

1.25 kg = 1.25×1000 g

$$= 1250 \text{ g}$$

Therefore, they ate = 1250 g – 775 g

$$= 475 \text{ g (answer)}$$

Again, we know,

1 g = 0.001 kg

475 g = 475 × 0.001 kg

$$= 0.475 \text{ kg (answer)}$$

3. He drinks in total = 500 ml + 640 ml + 420 ml

$$= 1560 \text{ ml (answer)}$$

We know, 1 ml = 0.01 dl

1560 ml = 1560 × 0.01 dl

$$= 15.60 \text{ dl (answer)}$$

Again, we know, 1 ml = 0.001 L

1560 ml = 1560×0.001 L

$$= 1.560 \text{ L (answer)}$$