

2. Convert 12,580 m into kilometres.

$$12,580 \text{ m} = 12,000 \text{ m} + 580 \text{ m} \\ = 12 \text{ km } 580 \text{ m}$$

When metres are converted into kilometres and metres, the number formed by the last three digits on the right gives the metres and the remaining digit(s) gives the kilometres.

EXERCISE 12(A)

1 Convert into centimetres.

- (a) 105m = cm (b) 4m 15cm = cm
 (c) 212m = cm (d) 18m 85cm = cm
 (e) 48m 57cm = cm (f) 94m 09cm = cm
 (g) 714m 10cm = cm (h) 840m 29cm = cm

2 Convert into metres and centimetres.

$$1 \text{ m} = 100 \text{ cm}$$

$$1 \text{ cm} = \frac{1}{100} \text{ m}$$

- (a) 384cm = m cm (b) 12,715cm = m cm
 (c) $\frac{24,367}{100}$ cm = m cm (d) 552cm = m cm
 (e) 796cm = m cm (f) $\frac{62,615}{100}$ cm = m cm
 (g) 6,250cm = m cm (h) 92,945cm = m cm

3 Convert into metres.

- (a) 35km = m (b) 2km 375m = m *km → m*
 (c) 9km 450m = m (d) 78km 044m = m *× 1000*
 (e) 14km 157m = m (f) 91km 125m = m *91000 m + 125 m = 91125 m*
 (g) 21km 264m = m (h) 49km 075m = m

4 Convert into kilometres and metres.

- (a) 1,925m = km m (b) 14,725m = km m
 (c) 3,125m = km m (d) 25,528m = km m
 (e) 33,409m = km m (f) 42,480m = km m
 (g) 6,008m = km m (h) 91,025m = km m