

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 = 10,500 cm
- (b) 4m 15cm = 4,15 cm
- (c) 212m = 21,200 cm
- (d) 18m 85cm = 18,85 cm
- (e) 48m 57cm = 48,57 cm
- (f) 94m 09cm = 94,09 cm
- (g) 714m 10cm = 71,410 cm
- (h) 840m 29cm = 84,029 cm

2 Convert into metres and centimetres.

- (a) 384cm = 3 m 84 cm
- (b) 12,715cm = 12 m 715 cm
- (c) 24,367cm = 24 m 367 cm
- (d) 552cm = 5 m 552 cm
- (e) 796cm = 7 m 96 cm
- (f) 62,615cm = 62 m 615 cm
- (g) 6,250cm = 6 m 250 cm
- (h) 92,945cm = 92 m 945 cm

3 Convert into metres.

- (a) 35km = 35,000 m
- (b) 2km 375m = 2,375 m
- (c) 9km 450m = 9,450 m
- (d) 78km 044m = 78,044 m
- (e) 14km 157m = 14,157 m
- (f) 91km 125m = 91,125 m
- (g) 21km 264m = 21,264 m
- (h) 49km 075m = 49,075 m

4 Convert into kilometres and metres.

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

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098m, 8m as 008m,

EXERCISE 12(B)

A. Add the following.

$$\begin{array}{r} \text{1} \quad \text{m} \quad \text{cm} \\ 18 \quad 75 \\ + 12 \quad 65 \\ + 4 \quad 15 \end{array}$$

25.55

$$\begin{array}{r} \text{2} \quad \text{m} \quad \text{cm} \\ 19 \quad 1 \\ 15 \quad 55 \\ 18 \quad 60 \\ + 24 \quad 95 \end{array}$$

59.10

$$\begin{array}{r} \text{3} \quad \text{m} \quad \text{cm} \\ 21 \quad 25 \\ 46 \quad 02 \\ + 30 \quad 75 \end{array}$$

98.02

$$\begin{array}{r} \text{4} \quad \text{m} \quad \text{cm} \\ 45 \\ 41 \\ + 2 \end{array}$$

89.55

$$\begin{array}{r} \text{5} \quad \text{km} \quad \text{m} \\ 111 \\ 57 \quad 550 \\ 32 \quad 068 \\ + 23 \quad 740 \end{array}$$

113.358

$$\begin{array}{r} \text{6} \quad \text{km} \quad \text{m} \\ 18 \quad 753 \\ 20 \quad 042 \\ + 30 \quad 012 \end{array}$$

68.807

$$\begin{array}{r} \text{7} \quad \text{km} \quad \text{m} \\ 111 \\ 25 \quad 321 \\ 15 \quad 487 \\ + 46 \quad 512 \end{array}$$

87.320

$$\begin{array}{r} \text{8} \quad \text{km} \\ 1 \\ 65 \\ 23 \\ + 39 \end{array}$$

127.55

EXERCISE 12(C)

A. Subtract the following.

$$\begin{array}{r} 1 \text{ m cm} \\ 8 \text{ 62} \\ - 4 \text{ 48} \\ \hline 4 \text{ 14} \end{array}$$

$$\begin{array}{r} 2 \text{ m cm} \\ 17 \text{ 48} \\ - 12 \text{ 29} \\ \hline 05 \text{ 19} \end{array}$$

$$\begin{array}{r} 3 \text{ m cm} \\ 408 \text{ 04} \\ - 289 \text{ 56} \\ \hline 118 \end{array}$$

$$\begin{array}{r} 4 \text{ m cm} \\ 78 \\ - 25 \\ \hline 53 \end{array}$$

$$\begin{array}{r} 5 \text{ km m} \\ 8 \text{ 317} \\ - 5 \text{ 183} \\ \hline 3 \text{ 134} \end{array}$$

$$\begin{array}{r} 6 \text{ km m} \\ 24 \text{ 475} \\ - 19 \text{ 358} \\ \hline 05 \text{ 117} \end{array}$$

$$\begin{array}{r} 7 \text{ km m} \\ 32 \text{ 075} \\ - 24 \text{ 063} \\ \hline 08 \text{ 012} \end{array}$$

$$\begin{array}{r} 8 \text{ km} \\ 74 \\ - 22 \\ \hline 52 \end{array}$$

Do the following in your note book.

B. Word problems