

3. Convert into metres.

(a) $35 \text{ km} = 35 \times 1000 \text{ m} = 35,000 \text{ m}$

(b) $2 \text{ km } 375 \text{ m} = 2 \times 1000 = 2,000 \text{ m} +$

(c) $9 \text{ km } 450 \text{ m} = 9 \times 1000 \text{ m} + 450 \text{ m} = 9,000 + 450$
 $= 9,450 \text{ m}$

(d) $78 \text{ km } 044 \text{ m} = 78 \times 1000 \text{ m} + 044 \text{ m} = 78,000 \text{ m} +$
 $044 \text{ m} = 78,044 \text{ m}$

4. Convert into kilometres and metres.

(a) $1,925 \text{ m} = 1,000 \text{ m} + 925 \text{ m} = 1 \text{ km } 925 \text{ m}$

(b) $14,725 \text{ m} = 14,000 \text{ m} + 725 \text{ m} = 14 \text{ km } 725 \text{ m}$

(c) $3,125 \text{ m} = 3,000 \text{ m} + 125 \text{ m} = 3 \text{ km } 125 \text{ m}$

(d) $25,528 \text{ m} = 25,000 \text{ m} + 528 \text{ m} = 25 \text{ km } 528 \text{ m}$

HW
5/11/21

Exercise - 12 (A)

1. Convert into centimetres.

(e) $48 \text{ m } 57 \text{ cm} = \boxed{4857 \text{ cm}}$

$48 \text{ m } 57 \text{ cm} = 48 \times 100 \text{ cm} + 57 \text{ cm}$
 $= 4,800 \text{ cm} + 57 \text{ cm}$
 $= 4857 \text{ cm}$

$$(f) \quad 94 \text{ m } 09 \text{ cm} = \boxed{9409 \text{ cm}}$$

$$\begin{aligned} 94 \text{ m } 09 \text{ cm} &= 94 \times 100 \text{ cm} + 09 \text{ cm} \\ &= 9400 \text{ cm} + 09 \text{ cm} \\ &= 9409 \text{ cm} \end{aligned}$$

$$(g) \quad 714 \text{ m } 10 \text{ cm} = \boxed{71410 \text{ cm}}$$

$$\begin{aligned} 714 \text{ m } 10 \text{ cm} &= 714 \times 100 \text{ cm} + 10 \text{ cm} \\ &= 71400 \text{ cm} + 10 \text{ cm} \\ &= 71410 \text{ cm} \end{aligned}$$

$$(h) \quad 840 \text{ m } 29 \text{ cm} = \boxed{84029 \text{ cm}}$$

$$\begin{aligned} 840 \text{ m } 29 \text{ cm} &= 840 \times 100 \text{ cm} + 29 \text{ cm} \\ &= 84000 \text{ cm} + 29 \text{ cm} \\ &= 84029 \text{ cm} \end{aligned}$$

2. Convert into metres and centimetres.

$$(e) \quad 796 \text{ cm} = \boxed{7} \text{ m } \boxed{96} \text{ cm}$$

$$796 \text{ cm} = 700 \text{ cm} + 96 \text{ cm} = 7 \text{ m } 96 \text{ cm}$$

$$(f) \quad 62,615 \text{ cm} = \boxed{626} \text{ m } \boxed{15} \text{ cm}$$

$$62,615 \text{ cm} = 62600 \text{ cm} + 15 \text{ cm} = 626 \text{ m } 15 \text{ cm}$$

$$(g) \quad 6,250 \text{ cm} = \boxed{62} \text{ m } \boxed{50} \text{ cm}$$

$$6,250 \text{ cm} = 6200 \text{ cm} + 50 \text{ cm} = 62 \text{ m } 50 \text{ cm}$$

$$(h) \quad 92,945 \text{ cm} = \boxed{929} \text{ m } \boxed{45} \text{ cm}$$

$$92,945 \text{ cm} = 92900 \text{ cm} + 45 \text{ cm} = 929 \text{ m } 45 \text{ cm}$$

3. Convert into metres.

$$(e) 14 \text{ km } 157 \text{ m} = \boxed{14157} \text{ m}$$

$$\begin{aligned} 14 \text{ km } 157 \text{ m} &= 14 \times 1000 \text{ m} + 157 \text{ m} \\ &= 14000 \text{ m} + 157 \text{ m} \\ &= 14157 \text{ m} \end{aligned}$$

$$(f) 91 \text{ km } 125 \text{ m} = \boxed{91125} \text{ m}$$

$$\begin{aligned} 91 \text{ km } 125 \text{ m} &= 91 \times 1000 \text{ m} + 125 \text{ m} \\ &= 91000 \text{ m} + 125 \text{ m} \\ &= 91125 \text{ m} \end{aligned}$$

$$(g) 21 \text{ km } 264 \text{ m} = \boxed{21264} \text{ m}$$

$$\begin{aligned} 21 \text{ km } 264 \text{ m} &= 21 \times 1000 \text{ m} + 264 \text{ m} \\ &= 21000 \text{ m} + 264 \text{ m} \\ &= 21264 \text{ m} \end{aligned}$$

(h)

$$49 \text{ km } 075 \text{ m} = \boxed{49075} \text{ m}$$

$$\begin{aligned} 49 \text{ km } 075 \text{ m} &= 49 \times 1000 \text{ m} + 075 \text{ m} \\ &= 49000 \text{ m} + 075 \text{ m} \\ &= 49075 \text{ m} \end{aligned}$$

4. Convert into kilometres and metres.

$$(e) 33,409 \text{ m} = \boxed{33} \text{ km } \boxed{409} \text{ m}$$

$$\begin{aligned} 33,409 \text{ m} &= 33000 \text{ m} + 409 \text{ m} \\ &= 33 \text{ km } 409 \text{ m} \end{aligned}$$

$$(f) 42,480 \text{ m} = \boxed{42} \text{ km } \boxed{480} \text{ m}$$

$$\begin{aligned} 42,480 \text{ m} &= 42000 \text{ m} + 480 \text{ m} \\ &= 42 \text{ km } 480 \text{ m} \end{aligned}$$

(g) $6,008 \text{ m} = \boxed{6} \text{ km } \boxed{8} \text{ m}$
 $6,008 \text{ m} = 6,000 \text{ m} + 8 \text{ m}$
 $= 6 \text{ km } 8 \text{ m}$

(h) $91,025 \text{ m} = \boxed{91} \text{ km } \boxed{25} \text{ m}$
 $91,025 \text{ m} = 91,000 \text{ m} + 25 \text{ m}$
 $= 91 \text{ km } 25 \text{ m}$

CW
3/11/21

Exercise - 12 (B)

A. Add the following:

(1)

m	cm
11	1
8	75
12	65
+ 4	15
<hr/>	<hr/>
25	55

Ans - 25 m 55 cm

(2)

m	cm
12	1
15	55
18	60
+ 24	95
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59	10

Ans - 59 m 10 cm

B. Word problems

1. Suman cycled in one hour = 6 km 500 m
 Suman cycled in next hour = 7 km 750 m
 Total distance she cycled = 14 250
 Thus, Suman cycled 14 km 250 m in
 altogether.

km	m
6	500
+ 7	750
<hr/>	<hr/>
14	250