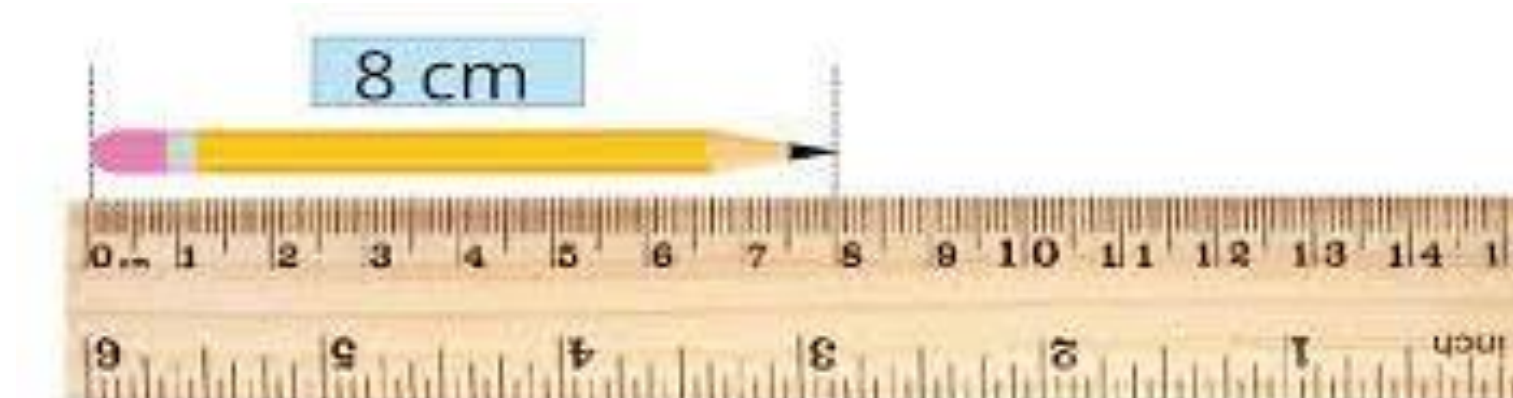




# Metric units of measuring length

( Addition and conversion without regrouping)





## Example: 1

Add 10 cm and 30 cm.

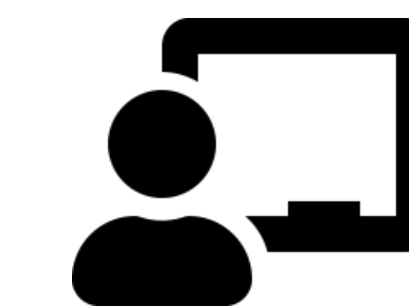
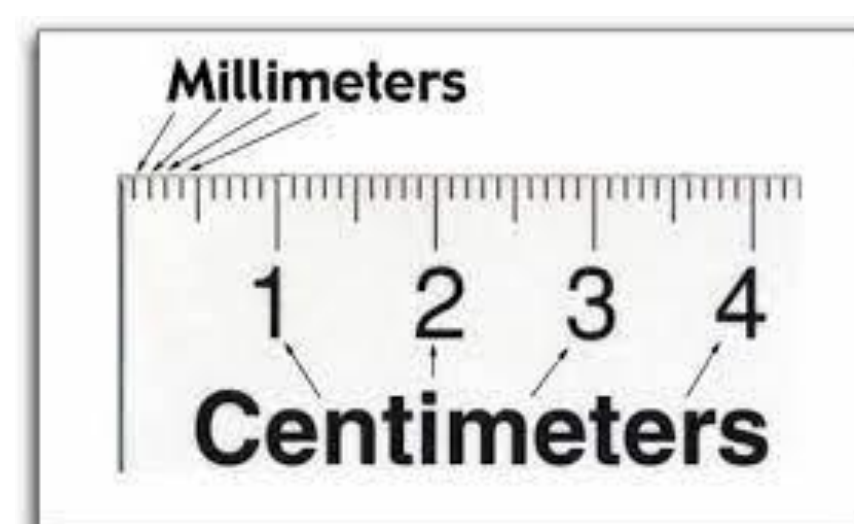
Solution:

+

cm
10
30
40

$$10 \text{ cm} + 30 \text{ cm} = 40 \text{ cm} .$$

So, answer is **40 cm**.



Convert 40 cm into mm.

Solution:

CM → MM

$$1 \text{ cm} = 10 \text{ mm}$$

$$40 \text{ cm} = 40 \times 10 \text{ mm}$$

$$40 \text{ cm} = 400 \text{ mm}$$





## Example: 2

Add 30 mm and 50 mm.

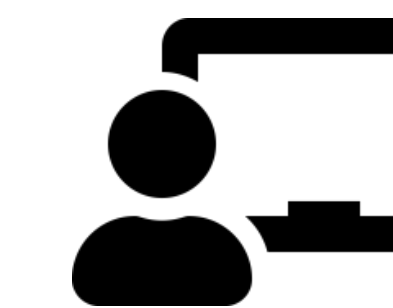
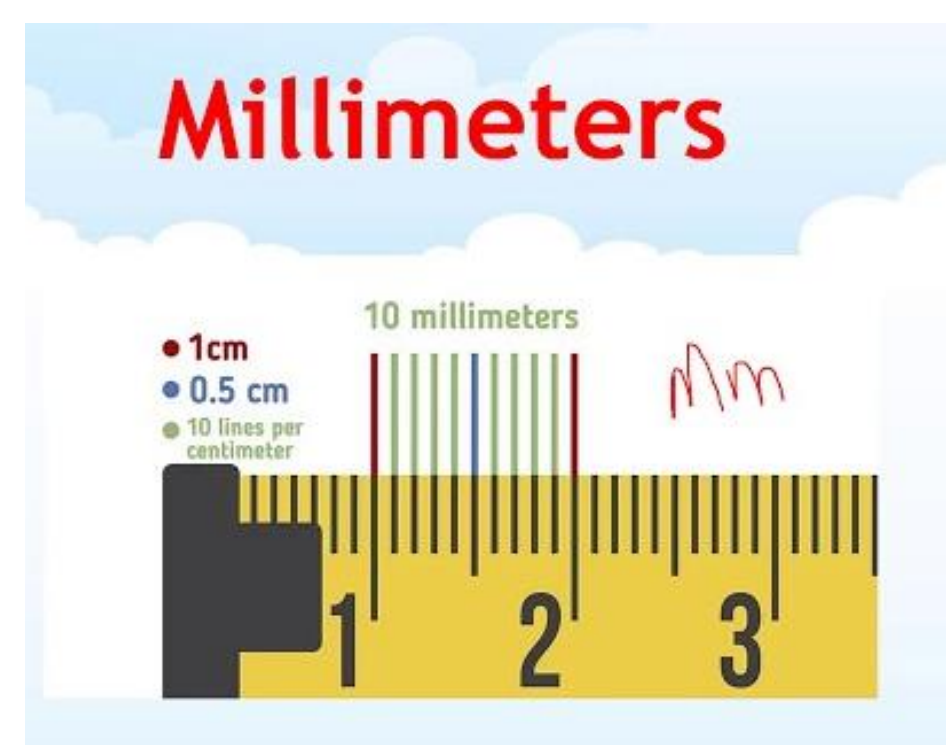
Solution:

+

mm
30
50
80

$$30 \text{ mm} + 50 \text{ mm} = 80 \text{ mm.}$$

So, answer is **80 mm.**



Convert 80 mm into cm.

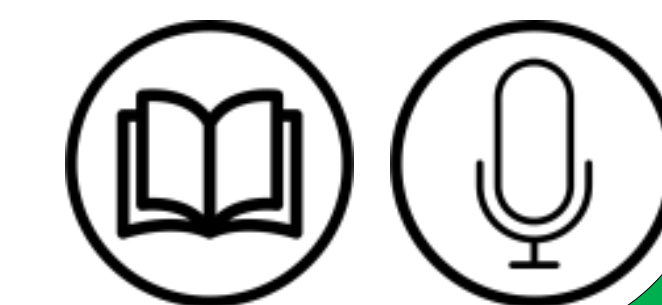
Solution:

MM → CM

$$1 \text{ mm} = 1 \div 10 \text{ cm}$$

$$80 \text{ mm} = 80 \div 10 \text{ cm}$$

$$80 \text{ mm} = 8 \text{ cm}$$





## Example: 3

Add 11 m and 5 m.

Solution:

+

m
11
5
16

$$11 \text{ m} + 5 \text{ m} = 16 \text{ m.}$$

So, answer is **16 m.**



Convert 16 m into cm.

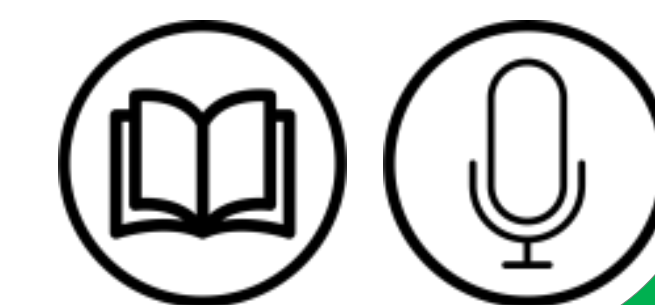
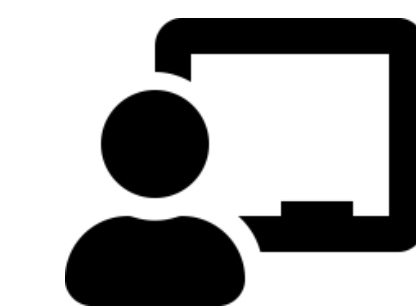
Solution:

m → CM

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

$$16 \text{ m} = 16 \times 100 \text{ cm}$$

$$16 \text{ m} = 1600 \text{ cm}$$

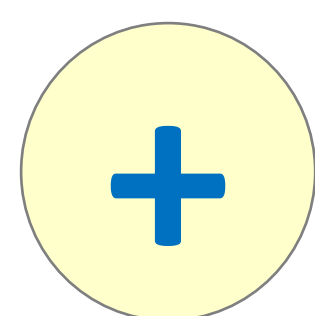




## Example: 4

Add 300 cm and 200 cm.

Solution:

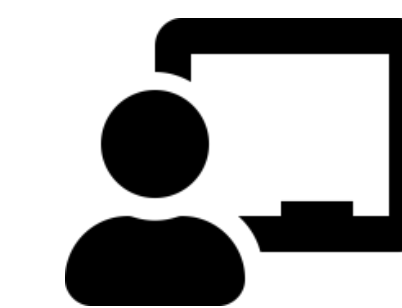


cm
300
200
<b>500</b>



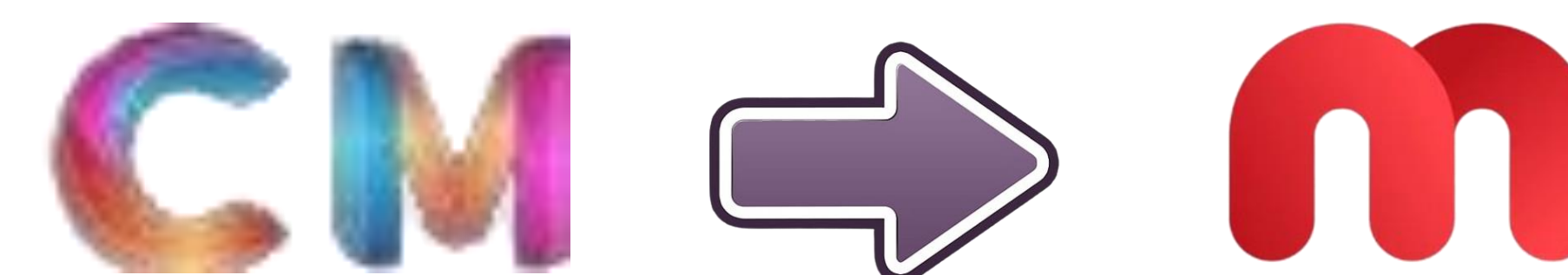
$$300 \text{ cm} + 200 \text{ cm} = 500 \text{ cm.}$$

So, answer is **500 cm.**



Convert 500 cm into m.

Solution:



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

$$500 \text{ cm} = 500 \div 100 \text{ m}$$

$$500 \text{ cm} = 5 \text{ m}$$





## Example: 5

Add 5 km and 2 km.

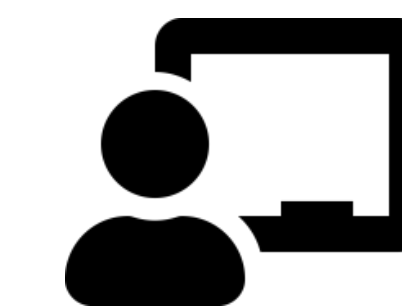
Solution:

+

km
5
2
7

$$5 \text{ km} + 2 \text{ km} = 7 \text{ km.}$$

So, answer is **7 km.**



Convert 7 km into m.

Solution:

km → m

$$1 \text{ km} = 1000 \text{ m}$$

$$7 \text{ km} = 7 \times 1000 \text{ m}$$

$$7 \text{ km} = 7000 \text{ m}$$



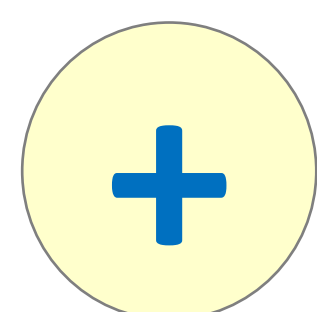


## Example: 6

Add 5000 m and 4000 m.



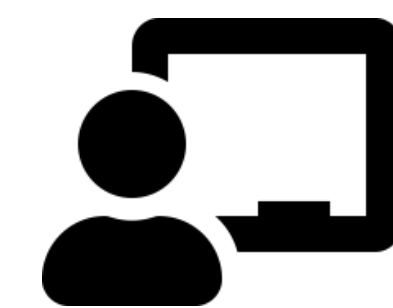
Solution:



m
5000
4000
9000

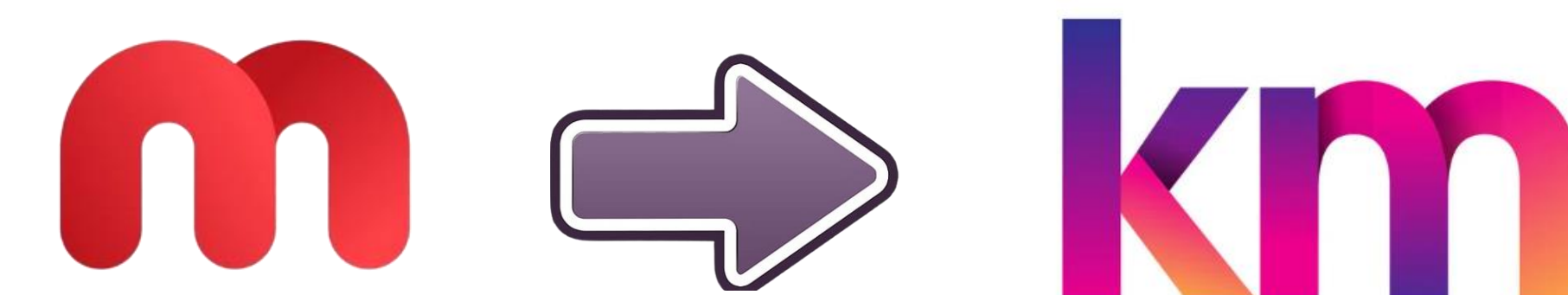
$$5000 \text{ m} + 4000 = 9000 \text{ m.}$$

So, answer is **9000 m.**



Convert 9000 m into km.

Solution:



$$1 \text{ m} = 1 \div 1000 \text{ km}$$

$$9000 \text{ m} = 9000 \div 1000 \text{ km}$$

$$9000 \text{ m} = 9 \text{ km}$$

