

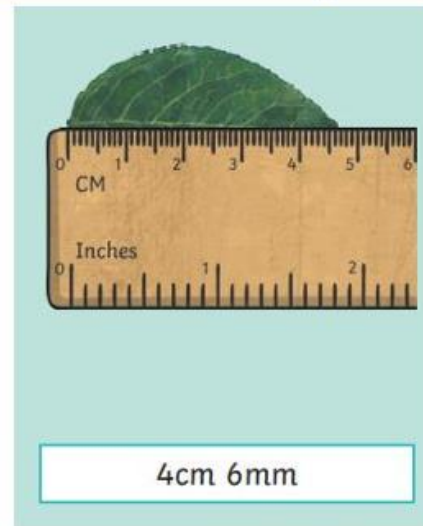
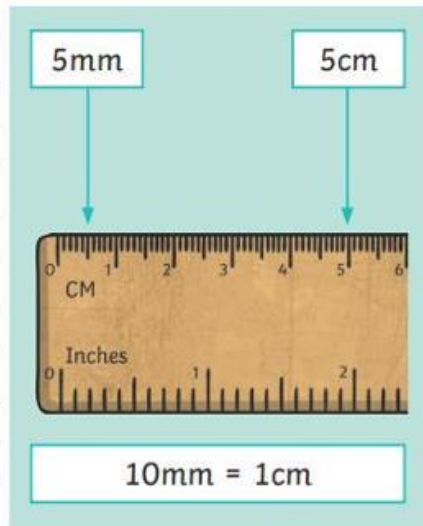


## Year 3 Length and Perimeter

### Key Vocabulary

- metre (m)
- centimetre (cm)
- millimetre (mm)
- height
- length
- width
- perimeter
- further/furthest
- higher/highest
- longer/longest
- shorter/shortest
- taller/tallest

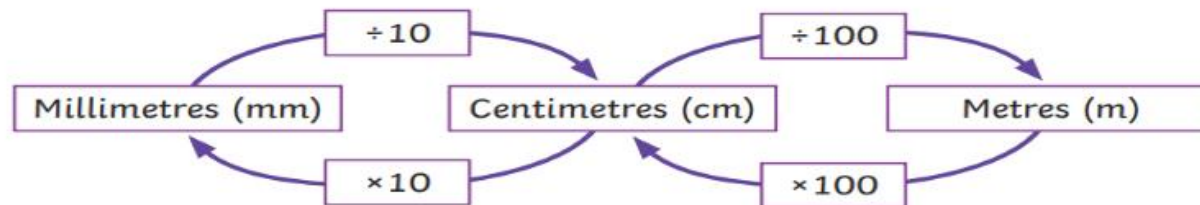
### Measure Length



### Equivalent length

100 centimetres = 1 metre

10 millimetres = 1 centimetre



317cm	
300cm	17cm
3m	17cm
3m 17cm	

## Compare lengths

$6\text{mm} < 6\text{cm}$   
 $6\text{cm} = 60\text{mm}$   
 $6\text{mm}$  is shorter than  $6\text{cm}$

$320\text{cm} > 2\text{m } 6\text{cm}$   
 $320\text{cm} > 200\text{cm} + 60\text{cm}$   
 $320\text{cm}$  is longer than  $2\text{m } 60\text{cm}$

$98\text{mm} < 12\text{cm } 3\text{mm}$   
 $98\text{mm} < 120\text{mm} + 3\text{mm}$   
 $98\text{mm}$  is shorter than  $12\text{cm } 3\text{mm}$

## Add and subtract lengths

$14\text{cm} + 19\text{cm} = 33\text{cm}$   
 $8\text{cm } 2\text{mm} + 16\text{mm} =$   
 $98\text{mm}$  or  $9\text{cm } 8\text{mm}$

?	
8cm 2mm	16mm
82mm	16mm

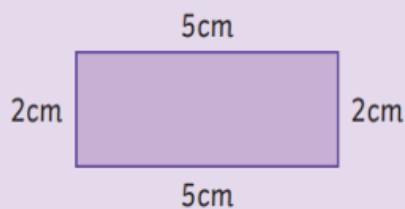
$6\text{m} - 2\text{m } 28\text{cm}$   
 $6\text{m} - 2\text{m} = 4\text{m}$   
 $4\text{m} - 28\text{cm} = 3\text{m } 72\text{cm}$

6m	
2m 28cm	?

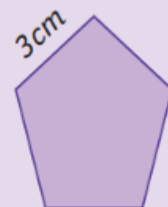
## Perimeter



..... = perimeter



$$5\text{cm} + 2\text{cm} + 5\text{cm} + 2\text{cm} = 14\text{cm}$$



$$3\text{cm} + 3\text{cm} + 3\text{cm} + 3\text{cm} + 3\text{cm} = 15\text{cm}$$

perimeter = 20cm

$$6\text{cm} + 6\text{cm} = 12\text{cm}$$

$$20\text{cm} - 12\text{cm} = 8\text{cm}$$

$$8\text{cm} \div 2\text{cm} = 4\text{cm}$$

