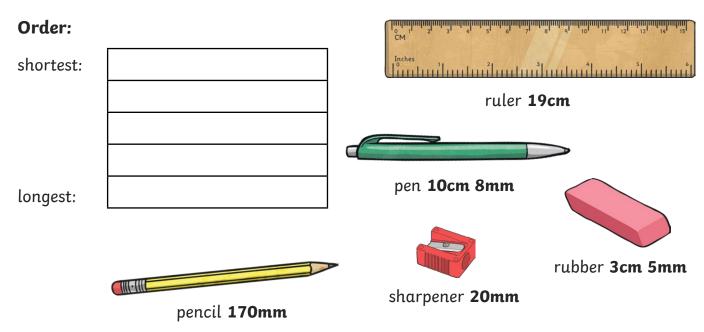


I can convert between millimetres, centimetres and metres.



Millimetres and Centimetres

1. Here are some of the items that Lydia has in her pencil case. Some of the measurements are given in centimetres, some are in millimetres and some are in both. Order the items by length from shortest to longest:



2. Convert these measurements into centimetres and millimetres by dividing by 10. Two examples are done for you.

Millimetres	Centimetres/Centimetres and Millimetres
40mm	
70mm	7cm
120mm	
35mm	
65mm	
135mm	
45mm	4cm 5mm
25mm	



Centimetres and Metres

3. A group of children jumped in a long jump competition. Change the measurement of how far each child jumped into metres and centimetres. The first one is done for you:

Name	Centimetres	Metres and Centimetres
Leandra	230cm	
Petra	450cm	
Aliyah	265cm	
Tasweer	290cm	
Ben	490cm	
Carter	523cm	

Write the children's names in order of how far they jumped, from the furthest to the shortest.

L st)	2 nd)	3 rd)
, th)	Eth)	, & th)

4. Change these measurements from centimetres into metres.

300cm =m	900cm =m
700cm =m	850cm =mcm
430cm =mcm	655cm =mcm
680cm =mcm	460cm =mcm
435cm =mcm	325cm =mcm



1. Order:

shortest:

sharpener
rubber
pen
pencil
ruler

longest:

tortgest

Millimetres	Centimetres/Centimetres and Millimetres
40mm	4ст
70mm	7cm
120mm	12cm
35mm	3cm 5mm
65mm	6cm Smm
135mm	13cm Smm
45mm	4cm 5mm
25mm	2cm Smm

3.	Name	Centimetres	Metres and Centimetres
	Leandra	230cm	2m 30cm
	Petra	450cm	4m 50cm
	Aliyah	265cm	2m 65cm
	Tasweer	290cm	2m 90cm
	Ben	490cm	4m 90cm
	Carter	523cm	5m 23cm

1st) <u>Carter</u> 2nd) <u>Ben</u> 3rd) <u>Petra</u> 4th) <u>Tasweer</u> 5th) <u>Aliyah</u> 6th) <u>Leandra</u>

4.	300cm = 3 m	900cm = 9 m
	700cm = 7 m	850cm = 8 m 50 cm
	430cm = 4 m 30 cm	655cm = 6 m 55 cm
	680cm = 6 m 80 cm	460cm = 4 m 60 cm
	435cm = 4 m 35 cm	325cm = 3 m 25 cm

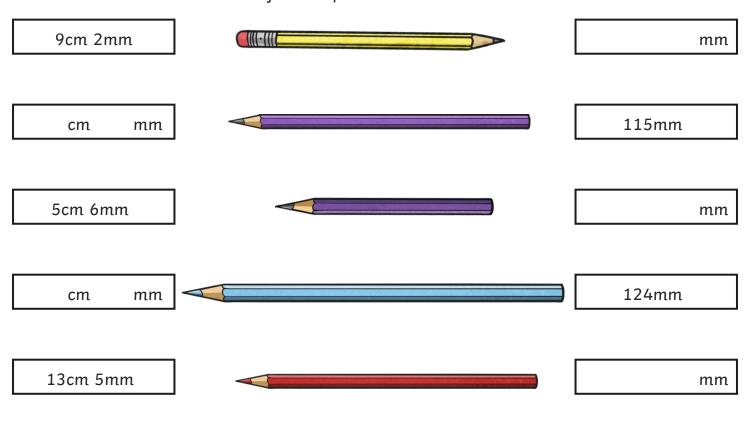


I can convert between millimetres, centimetres and metres.

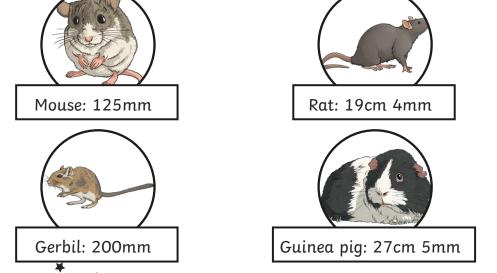


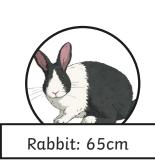
Millimetres and Centimetres

1. Class 4 found five pencils on the floor and measured them in either mm or cm and mm. Give the alternative measurement for each pencil.



Here are the lengths of some small mammals.







Hedgehog: 24cm



2. Complete the following table about these small mammals:

Animal	Centimetres and Millimetres	Millimetres
mouse		
rat		
rabbit		
gerbil		
guinea pig		
hedgehog		

Use your tal	ble to order the mammals in s	ize from shortest to longest.
shortest:		
longest:		

Centimetres and Metres

4. This table shows the height of some dinosaurs. Some measurements are written in centimetres and some in metres and centimetres. Complete the table.

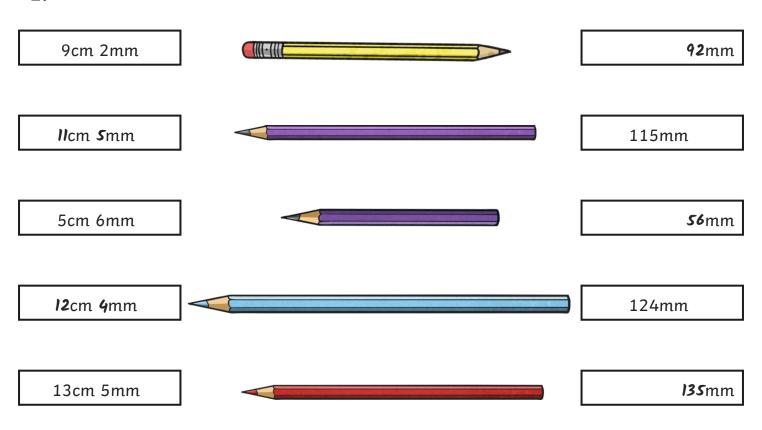
Dinosaur	Centimetres	Metres and Centimetres
Diplodocus	730cm	
Spinosaurus		2m 45cm
Megalosaurus		3m 70cm
Apatosaurus	450cm	
Allosaurus	525cm	
Triceratops		2m 85cm

5. C	Order	the	dinosaurs	from	tallest	to	shortest
------	-------	-----	-----------	------	---------	----	----------

tallest:	
shortest:	



1.



Animal	Centimetres and Millimetres	Millimetres
mouse	12cm Smm	125mm
rat	19cm 4mm	194mm
rabbit	65cm	650mm
gerbil	20cm	200mm
guinea pig	27cm Smm	275mm
hedgehog	24cm	240mm

3. shortest:

mouse	
rat	
gerbil	
hedgehog	
guinea pig	
rabbit	

longest:



4.

Dinosaur	Centimetres	Metres and Centimetres
Diplodocus	730cm	7m 30cm
Spinosaurus	245cm	2m 45cm
Megalosaurus	370cm	3m 70cm
Apatosaurus	450cm	4m 50cm
Allosaurus	525cm	Sm 25cm
Triceratops	285cm	2m 85cm

5. tallest:

Diplodocus	
Allosaurus	
Apatosaurus	
Megalosaurus	
Triceratops	
Spinosaurus	

shortest:



I can convert between millimetres, centimetres and metres.



Millimetres and Centimetres

1. Here are the dimensions (width × length) of paper sizes, some in millimetres and some in centimetres and millimetres. Fill in the gaps on the tables.

Paper Size	Millimetres width × length	Centimetres and Millimetres width × length
AO	841 mm × 1189mm	
A1		59cm 4mm × 84cm 1mm
A2	420mm × 594mm	
А3		29cm 7mm × 42cm
A4		14cm 8mm × 29cm 7mm
A5	148mm × 210mm	
A6	105mm × 148mm	
A7		7cm 4mm × 10cm 5mm
A8		5cm 2mm × 7cm 4mm
А9	37mm × 52mm	
A10	26mm × 37mm	

)	Answer these	auestions	comparing	a either the	lenath o	r width of	naner sizes
۷.	Allower litese	questions	, comparm	jeilitei lite	teriquit	i wiatii oj	puper sizes.

α.	How much longer is th	e length of a piece o	f A7 paper than A8?	
----	-----------------------	-----------------------	---------------------	--

b. How much wider is the width of a piece of A3 paper than A5? _____

C.	How much shorter is the	length of a piece of	of A10 paper than A0?	
C.	How much shorter is the	length of a piece of	of AIO paper than AU?	



Centimetres and Metres

3. This table shows the length of some of the largest sea creatures. Some measurements are written in centimetres and some in metres and centimetres. Complete the table.

Animal	Centimetres	Metres and Centimetres
blue whale		33m
basking shark	1227cm	
lion's mane jellyfish		36m 60cm
giant manta ray	700cm	
sperm whale	2400cm	
southern elephant seal		6m 85cm

longest:	

4. Order the creatures from longest to shortest.

shortest:



1.

Paper Size	Millimetres width × length	Centimetres and Millimetres width × length
AO	841 mm × 1189mm	84cm lmm × 118cm 9mm
A1	594mm × 841mm	59cm 4mm × 84cm 1mm
A2	420mm × 594mm	42cm × 59cm 4mm
А3	297mm × 420mm	29cm 7mm × 42cm
A4	210mm × 297mm	21cm × 29cm 7mm
A5	148mm × 210mm	14cm 8mm × 21cm
A6	105mm × 148mm	10cm 5mm × 14cm 8mm
A7	74mm × 105mm	7cm 4mm × 10cm 5mm
A8	52mm × 74mm	5cm 2mm × 7cm 4mm
Α9	37mm × 52mm	3cm 7mm × 5cm 2mm
A10	26mm × 37mm	2cm 6mm × 3cm 7mm

- 2. a. How much longer is the length of a piece of A7 paper than A8? 31mm or 3cm 1mm
 - b. How much wider is the width of a piece of A3 paper than A5? <u>149mm or 14cm 9mm</u>
 - c. How much shorter is the length of a piece of A10 paper than A0? <u>IIS2mm or IIScm 2mm</u>

3. [Animal	Centimetres	Metres and Centimetres
	blue whale	3300cm	33m
	basking shark	1227cm	12m 27cm
	lion's mane jellyfish	3660cm	36m 60cm
	giant manta ray	700cm	7m
	sperm whale	2400cm	24m
	southern elephant seal	685cm	6m 85cm

4. longest:

lion's mane jellyfish
blue whale
sperm whale
basking shark
giant manta ray
southern elephant seal

shortest: