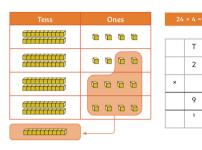
Knowledge Organiser - Maths

Written Multiplication - No Regrouping

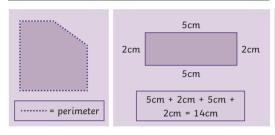
Tens	Ones

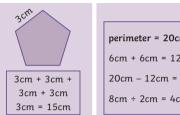
23 × 3 = 69				
	Т	0		
	2	3		
×		3		
	6	9		

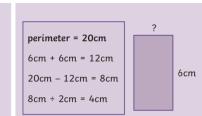
Written Multiplication - With Regrouping



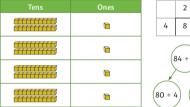
Perimeter







Written Division - No Regrouping

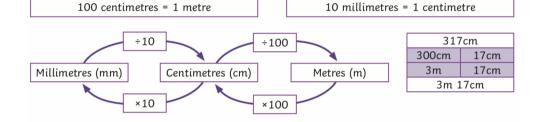




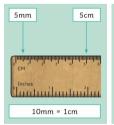
Written Division - With Regrouping

Tens	Ones	1
		3 4
		45 ÷ 3
		43+3
		30 ÷ 3) (1

Equivalent Length



Measuring Length







Comparing Lengths

4

6mm < 6cm 6cm = 60mm 6mm is shorter than 6cm

> 320cm > 2m 6cm 320cm > 200cm + 60cm 320cm is longer than 2m 60cm

98mm < 12cm 3mm 98mm < 120mm + 3mm 98mm is shorter than 12cm 3mm

Adding and Subtracting Lengths

14cm + 19cm = 33cm 8cm 2mm + 16mm = 98mm or 9cm 8mm

?		
8cm 2mm	16mm	
82mm	16mm	

6m - 2m 28cm 6m - 2m = 4m4m - 28cm = 3m 72cm6m

2m 28cm

Rey Vocabolaly			
metre (m)			
centimetre (cm)			
millimetre (mm)			
height	the distance from top to bottom		
length	distance from one end to another		
width	the distance from side to side		
perimeter	the total distance around the outside of a shape		

Key Vocabulary