Varied Fluency
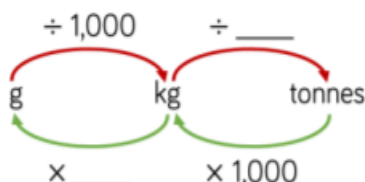
There are ___ grams in one kilogram.

There are ___ kilograms in one tonne.

Use these facts to complete the tables.

÷ 1,000   ÷ ___

g → kg → tonnes

× ___   × 1,000
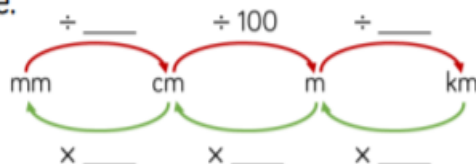
g	kg
1,500	
	2.05
1,005	

kg	tonnes
1,202	
	4.004
125	

There are ___ mm in one centimetre.

There are ___ cm in one metre.

There are ___ m in one kilometre.

÷ ___   ÷ 100   ÷ ___

mm → cm → m → km

× ___   × ___   × ___

Use these facts to complete the table.

mm	cm	m	km
44,000			
	2,780		
		15.5	
			1.75

Mo thinks that 12,000 g is greater than 20 kg because 12,000 > 20

Explain why Mo is wrong.

Put these capacities in order, starting with the smallest.

3 litres	3,500 ml
0.4 litres	0.035 litres
450 ml	330 ml

A shop sells one-litre bottles of water for 99p each.

300 ml bottles of water are on offer at 8 bottles for £2

Whitney wants to buy 12 litres of water. Find the cheapest way she can do this.