

Year 5 - Maths Week 7 - wc - 13th July

Monday 13th July

Independent Task - Fill in the table

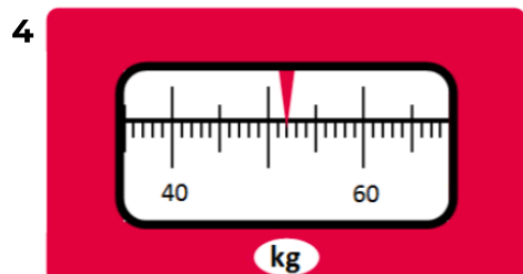
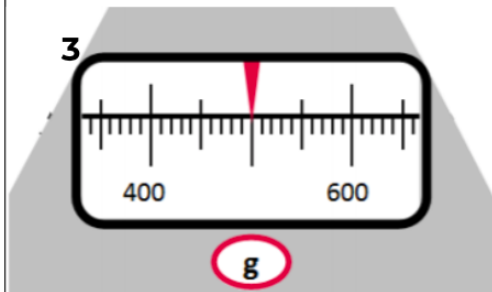
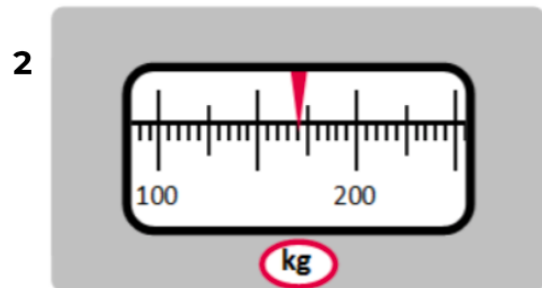
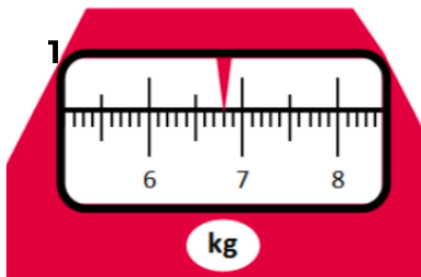
Venue A	Venue B	Distance (miles)	Distance (km)
Aquatics Centre	Olympic Stadium		48 km
Velodrome	Olympic Stadium	210 miles	
Aquatics Centre	Velodrome		200 km
Olympic Stadium	Sea Sports Centre	430 miles	
BMX Track	Sea Sports Centre		400 km
Olympic Stadium	BMX Track	1005 miles	

Miles	km	Miles	km
0	0	35	56
1	1.6	40	64
5	8	45	72
10	16	50	80
15	24	62	100
20	32	100	160
25	40	150	240
30	48	200	320

Tuesday 14th July

Independent Task

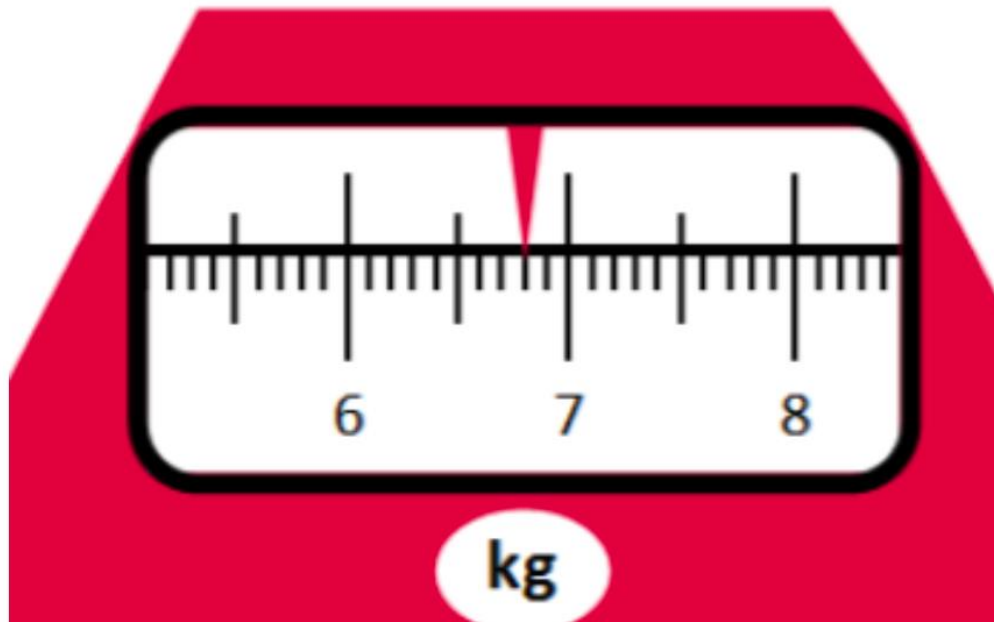
Read each of the scales and write the mass in two different ways



Independent Task

Read each of the scales and write the mass in two different ways

1

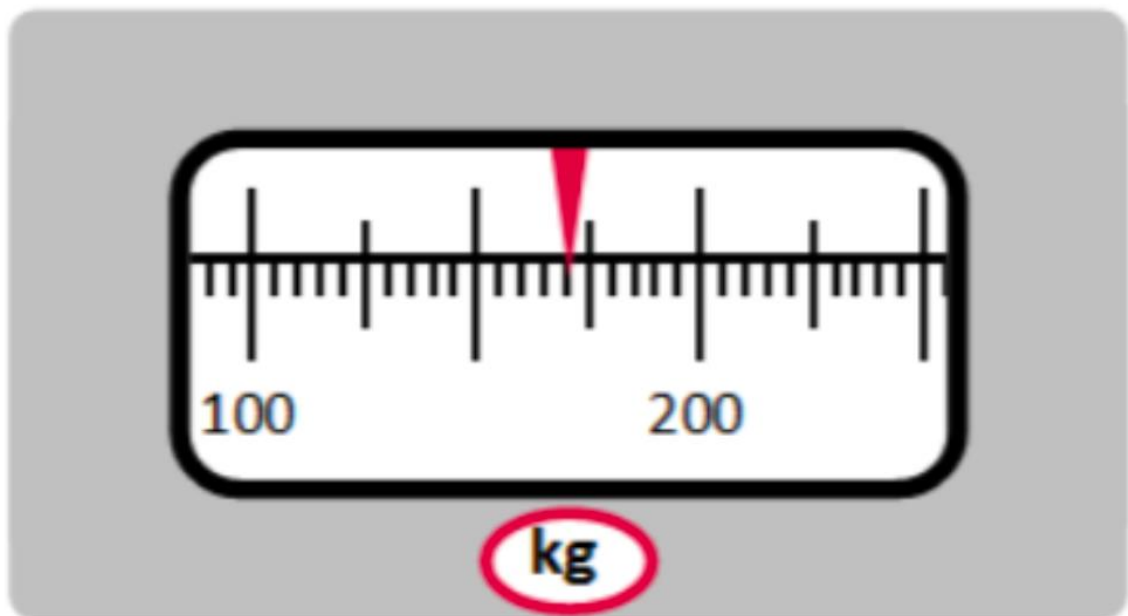


3

Independent Task

Read each of the scales and write the mass in two different ways

2

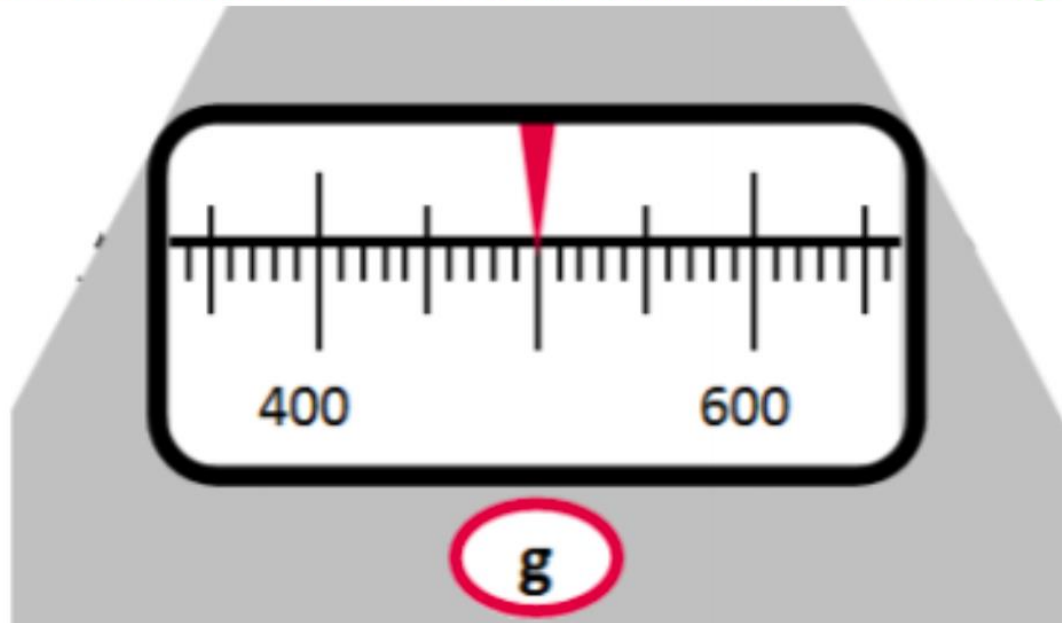


4

Independent Task

Read each of the scales and write the mass in two different ways

3



Wednesday 15th July

Independent Task - Complete the table

Material Required	Mass of material (in kilograms)	Mass of material (in tonnes)	Quantity needed for stadium	Total Mass (write unit of measure)
Steel girder (per rod)	1100 kg	1.1 tonnes	800	1100 x 800 880,000 kg 1.1 x 800 880 t
Concrete block (1m ³)	2400 kg	2.4 tonnes	2000	2400 x 2000 4,800,000 kg 2.4 x 2000 4800 t
Sand (per bag)	50 kg		18	
Wooden poles (per box)		3.34 tonnes	4 boxes	
Complete floodlight masts		3.8 tonnes		15.2 tonnes
Seats (per seat)	1.2 kg		50,000	

3

Thursday 16th July

Independent Task

Task: Complete the table

WEIGHTLIFTING Men's 85 kg				
Country	Round 1	Round 2	Total (kg)	Rank
Columbia	142 000 g		318 kg	
Egypt	224.4 lbs	330 lbs	kg	
Japan	129 kg	232 lbs	kg	
Kazakhstan	286 lbs		694.8 lbs	
Poland	142 kg	376 lbs	kg	

kg	lb	kg	lb
1 kg	2.2 lb	10 kg	22 lb
2 kg	4.4 lb	20 kg	44 lb
3 kg	6.6 lb	30 kg	66 lb
4 kg	8.8 lb	40 kg	88 lb
5 kg	11 lb	50 kg	110 lb
6 kg	13.2 lb	60 kg	132 lb
7 kg	15.4 lb	70 kg	154 lb
8 kg	17.6 lb	80 kg	176 lb
9 kg	19.8 lb	90 kg	198 lb
45 kg	100 lb	100 kg	220 lb



Friday 17th July

Independent task - Complete the table

Area to measure	Measurement (with unit)	Question
The width of your shoulders.		Is this $\frac{1}{4}$ of your height? (times the width by 4)
The distance from your elbow to your armpit.		Is this $\frac{1}{8}$ of your height? (times the distance by 8)
The length of your foot from your heel to the tip of your longest toe.		Is this $\frac{1}{6}$ of your height? (times the length by 6)
The distance from the top of your head to the bottom of your chin.		Is this $\frac{1}{8}$ of your height? (times the height by 8)
The length of your foot from your heel to the tip of your longest toe.		Is this the same length as your forearm? (base of palm to elbow)

Can you find any other relationships that seem to match up?