

Length

Complete the statements.

3000m = km
5km = m
500m = km
9500m = km

Use <, > or = to make these statements correct:

500m $\frac{1}{2}$ km
7km 800m
5km 500m

Complete the bar model.



Conversions:

$$100\text{cm} = 1\text{m}$$

$$1000\text{m} = 1\text{km}$$

$$1000\text{g} = 1\text{kg}$$

Mass

Convert these measurements from either g into kg or kg into g:

- | | | |
|----------|----------|------------|
| 1. 2kg | 6. 7000g | 11. 0.8kg |
| 2. 4kg | 7. 1400g | 12. 0.45kg |
| 3. 2.3kg | 8. 9000g | 13. 780g |
| 4. 3.4kg | 9. 5600g | 14. 6200g |
| 5. 0.5kg | 10. 300g | 15. 3500g |

CHALLENGE: Use your own scales to weigh different objects in your house. Write the weight in both g and kg. Order your objects from lightest to heaviest.

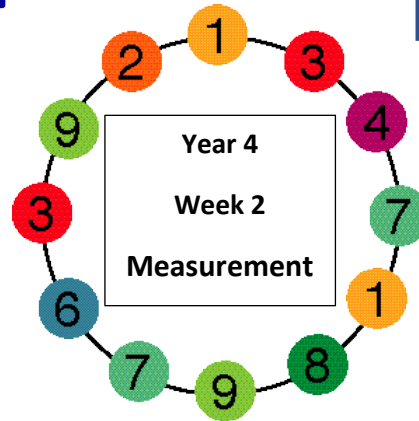
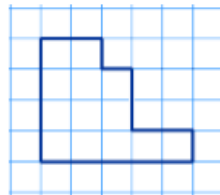
Perimeter

Imagine that each of these squares measure 1cm

Work out the perimeter of the shape.

Can you draw a different shape with:

- the same perimeter
- a perimeter which is 5cm longer
- a perimeter which is double/half the length of this one.



Adding Mass

Jenny uses the base ten and place value chart to add 3 kg and 400 g and 2 kg and 300 g.

kg	g
5 kg	700 g

Use the same approach to calculate:

- 3 kg and 450 g + 4 kg and 200 g = _____
- 4 kg and 105 g + 2 kg and 300 g = _____
- 4 kg and 400 g - 2 kg and 100 g = _____
- 8 kg and 600 g - 1 kg and 550 g = _____

Problem Solving

James and Sita do a sponsored walk for charity. They walk 15km altogether.

James walks double the amount that Sita walks. How far does Sita walk?

They each raise £1 for every 500m they walk.

How much money do they each make?

James _____ Sita _____



When playing the games please focus on the measuring length, mass and capacity games:

<https://www.topmarks.co.uk/maths-games/7-11-years/measures>

<https://www.funbrain.com/games/measure-it>