

Maths Workout - Geometry & Measures

Topic 2 - Measurement 2				
Target 1	Target 2	Target 3	Target 4	Target 5
<i>Engage with units of measure and their symbols</i>	<i>Convert between metric units of length</i>	<i>Convert between metric units of mass</i>	<i>Know approximate equivalences between Imperial and metric units Convert between Imperial and metric units</i>	<i>Identify and calculate with upper and lower bounds</i>
1. Speed response; identify a unit of measure and its symbol	1. Convert between metres and centimetres; metres to 1 dp	1. Convert between kilograms and grams; kilograms to 1 dp	1. Know approximate equivalences between imperial and metric units	1. Understand upper and lower bounds
2. Speed response; identify a unit of measure and its symbol	2. Convert between metres and centimetres; metres to 2 dp	2. Convert between kilograms and grams; kilograms to 3 dp	2. Convert between miles and kilometres, using 5 miles = 8 kilometre	2. Calculate upper and lower bounds for measurements: nearest whole unit
3. Speed response; distinguish between units of length, area, mass and capacity & volume	3. Convert between centimetres and millimetres; whole centimetres	3. Convert between grams and milligrams; grams to 2 dp	3. Convert between miles and kilometres, using 1 mile = 1.6 km	3. Calculate upper and lower bounds for measurements: nearest 10 units
	4. Convert between centimetres and millimetres; centimetres to 1 dp	4. Convert between grams and milligrams; grams to 3 dp	4. Convert between feet and inches, and metres, using 1 inch = 2.54cm	4. Calculate upper and lower bounds for measurements: nearest 100 units
	5. Convert between kilometres and metres; kilometres to 1 dp	5. Convert between tonnes and kilograms; tonnes to 3 dp	5. Convert between pounds and kilograms, using 1kg = 2.2lb	5. Calculate upper and lower bounds for measurements: nearest ½ of a unit
	6. Convert between kilometres and metres; kilometres to 3 dp	6. Solve problems in context involving conversion between metric units of mass	6. Convert between pounds and kilograms, using 1kg = 2.2lb	6. Calculate upper and lower bounds for measurements: nearest tenth of a unit
	7. Solve problems in context involving conversion between metric units of length	7. Solve problems in context involving conversion between metric units of mass	7. Problem solving; convert between combined rates	7. Calculate upper and lower bounds for measurements: nearest hundredth of a unit
	8. Solve problems in context involving conversion between metric units of length	8. Speed response; identify 2 equal masses expressed in different units		8. Calculate the greatest and least perimeter of a rectangle; measurements: nearest whole unit
	9. Speed response; identify 2 equal lengths expressed in different units	9. Speed response; identify 2 equal masses expressed in different units		9. Calculate the greatest and least area of a rectangle; measurements: nearest whole unit
	10. Speed response; identify 2 equal lengths expressed in different units	10. Speed response; identify 2 equal masses expressed in different units		10. Calculate the greatest and least perimeter of a rectangle; measurements: nearest tenth of a unit
	11. Speed response; identify 2 equal lengths expressed in different units			11. Calculate the greatest and least value of a single stage calculation; measurements: various accuracy
	12. Speed response; identify 2 equal lengths expressed in different units			12. Calculate the greatest and least value of a multi-stage calculation; measurements: various accuracy