

Maths Task – 22.01.21

L/O: To solve word problems involving metric units of measure

Task One - Must

<p>Metric Measurement Word Problems</p> <p>1. How many centimetres are in a metre?</p>	<p>Metric Measurement Word Problems</p> <p>2. Trudy measured a box that was 150 centimetres long. How many metres was the box?</p> <p><small>twinkl.com</small></p>
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<p>Metric Measurement Word Problems</p> <p>3. Douglas weighed some sand that was 2 kilograms in mass. How many grams is this?</p>	<p>Metric Measurement Word Problems</p> <p>4. Li needed 6 litres of water to water his herb garden. How many millilitres does Li need?</p> <p><small>twinkl.com</small></p>
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<p>Metric Measurement Word Problems</p> <p>5. David ran 3 kilometres. How many metres is this?</p>	<p>Metric Measurement Word Problems</p> <p>6. How many metres are in a kilometre?</p> <p><small>twinkl.com</small></p>
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<p>Metric Measurement Word Problems</p> <p>7. Alana ran 500 metres. How many kilometres was this?</p>	<p>Metric Measurement Word Problems</p> <p>8. Will measured flour that weighed 1500 milligrams. How many grams is this?</p> <p><small>twinkl.com</small></p>
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Metric Measurement Word Problems

- 9.**
Sasha drank 1 litre of water.
How many millilitres is this?

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Metric Measurement Word Problems

- 10.**
Ethan swam 6 kilometres.
How many metres is this?

Metric Measurement Word Problems

- 11.**
How many grams are in
a kilogram?

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Metric Measurement Word Problems

- 12.**
Angela measured a ribbon
that was 1 metre long. How
many millimetres is this?

Metric Measurement Word Problems

- 13.**
Cara measured a stick that
was 500 millimetres long.
How many metres is this?

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Metric Measurement Word Problems

- 14.**
Carolina used 2 grams of
sugar in a recipe. How many
milligrams is this?

Metric Measurement Word Problems

- 15.**
Kyle drank 1 litre of water
before his run. He drank 2
more after his run. How many
millilitres did he drink?

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Metric Measurement Word Problems

- 16.**
How many centimetres are in
a metre?

Task One – should/Could

1. Phillips Idowu jumped 16.53m in the triple jump at the London Olympics last year.

The winner, Christian Taylor jumped 1839cm.

How much further did the winner jump?

2. Matthew is 1.49m tall; Olly is 8cm shorter.

- How tall is Olly?

Jasmine is 0.05cm taller than Matthew.

- What is the difference between Jasmine and Olly's heights?

3. The length of a swimming pool is 25m.

Miss Mitchell swims 600m every morning before coming to work.

How many lengths does she swim each day?

How many lengths does she swim in one week?

4. 5 pencils are laid in one long line on the table.

The longest is 15cm long, the shortest is half the length.

The other three are 14.5cm, 125mm and 12.2cm.

How long are all 5 pencils together?

5. It is approximately 283.62km from Nottingham to Southampton.

- How many m is this?

- How far would a journey to, and from, Southampton be?

6. At the weekend I walked 3.67km.

My Dad walked 450m further than me.

How far did he walk?

7. The perimeter of a dodecagon is 156cm.
What is the length of each side, in both cm **and** mm?

8. The Harrison family sets off on a 352.4km journey to visit their relatives.
They have driven 123,700m so far.

How much further do they have to drive?

Extension

1. A joiner needs 12 lengths of wood measuring 245mm and 6 pieces measuring 582mm.
The wood is sold in lengths of 3m.

Calculate how many lengths of wood are needed,
and how best to cut the lengths so the longest piece
is left over.



Solve Problems Involving the Calculation of Units of Measure

2. A tin contains 425g baked beans in sauce. The tin itself weighs 60g.

How much will a pack of 6 tins weigh in kilograms?

