

Metric Measurement Word Problems

**1.**  
How many centimetres are in a metre?

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**2.**  
Trudy measured a box that was 150 centimetres long. How many metres was the box?

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**3.**  
Douglas weighed some sand that was 2 kilograms in mass. How many grams is this?

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**4.**  
Li needed 6 litres of water to water his herb garden. How many millilitres does Li need

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**5.**  
David ran 3 kilometres. How many metres is this?

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**6.**  
How many metres are in a kilometre?

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**7.**  
Alana ran 500 metres. How many kilometres was this?

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**8.**  
Will measured flour that weighed 1500 milligrams. How many grams is this?

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

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

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

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

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

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

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

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**17.**

How many centimetres are in a kilometre?

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**18.**

Lauren cut a piece of yarn that was 10 centimetres long. How many millimetres is this?

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**19.**

Marguerite poured 3 litres of milk. How many millilitres of milk did she pour?

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**20.**

John bought 4 litres of orange juice for a party. How many millilitres did he buy?

# Answers

1. 100cm
2. 1.5m
3. 2000g
4. 6000ml
5. 3000m
6. 1000m
7.  $\frac{1}{2}$  km or 0.5km
8. 1.5g
9. 1000ml
10. 6000m
11. 1000g
12. 1000mm
13.  $\frac{1}{2}$ m or 0.5m
14. 2000mg
15. 3000ml
16. 100cm
17. 100 000cm
18. 100mm
19. 3000ml
20. 4000ml