

To be able to measure in metres and kilometres

**MathShed**

**Starter:**  
There are 1,000 grams in 1 kilogram.

Use this fact to complete the sentences.

There are  metres in 1 kilometre.

1,000 m is equal to  km.

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**Activity 1:**  
What unit would you use to measure the length of a pencil?

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**Activity 2:**  
Use the greater than and less than symbols to compare the lengths.

1mm  1km      1mm  1m

1cm  1m      1km  1m

1mm  1cm      1m  1cm

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**Activity 3:**  
Complete the part whole model and bar model.

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**Activity 4**  
Use the greater than, equal to and less than symbols to compare the lengths.

2km 205m  20km 100m

5km 120m  1km 500m

8km 420m  400m + 20m + 8km

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**Activity 5**  
Can you order these measurements from smallest to largest? How do you know?



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**Activity 6:**

Chen walks 9km 850m. Astrobee walks 4km 100m.

How far do they walk altogether?

How much further does Chen walk than Astrobee?



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**Activity 7:**

Here are distances between 3 locations.



The distance from the shop to the school is 2km 350m shorter than the distance from the school to the house.

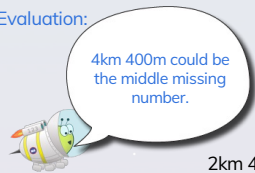
What is the distance from the school to the house?



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**Evaluation:**



$$2\text{km } 450\text{m} > \text{_____} < 4\text{km } 300\text{m}$$

Is Astrobee's statement true or false?