

Lesson 6

LO: To convert between units of measure

Success Criteria:

1. Identify your number
2. Converting to km, divide by 1000
3. Converting to m, multiply by 1000
4. Write your sentence

Model

1. 1 km

2. $1000 \text{ m} \div 1000$
 $= 1 \text{ km}$

3. $1 \text{ km} \times 1000$
 $= 1000 \text{ m}$

4. $1 \text{ k} = 1000 \text{ m}$

Now you try...

2km

6000m

5km

3000m

Conversion: 1000m = 1km

Lesson 5

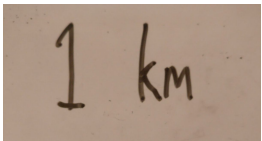
LO: To compare 3-4 digit numbers

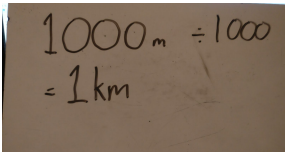
Task:

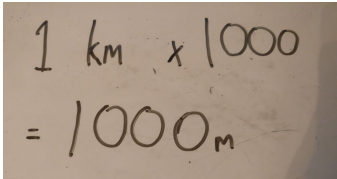
Success Criteria:

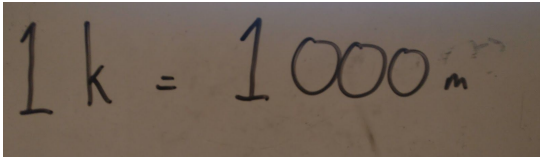
1. Identify your number
2. Converting to km, multiple by 1000
3. Converting to m, divide by 1000
4. Write your sentence

Model:

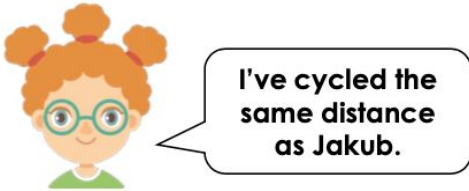
1. 

2. 

3. 

4. 

Conversion: 1000m = 1km

Task 1	Task 2	Task 3	Task 4
<p>Practice Convert these measurements 1000m = 1km</p> <ol style="list-style-type: none"> 3 $\frac{1}{2}$km 7500m 4000m 6km 9500m 2km 15000m 5km 	<p>Practice Convert these measurements 1000m = 1km</p> <ol style="list-style-type: none"> 9000m 3250m 7 $\frac{1}{2}$km 4km 8 $\frac{1}{2}$km 5000m 1km 250m 	<p>Reasoning Explain your answers.</p> <p>6a. Jakub has cycled 2,500m. Morgan has cycled 2km. Morgan says,</p>  <p>Is Morgan correct? Explain your answer.</p> <p>8a. Is the following statement correct?</p> <div style="display: flex; align-items: center; justify-content: center; gap: 10px;"> <div style="border: 1px solid green; border-radius: 15px; padding: 5px; display: inline-block;">$\frac{3}{4}$ km</div> <div style="font-size: 2em;">></div> <div style="border: 1px solid green; border-radius: 15px; padding: 5px; display: inline-block;">$\frac{1}{10}$ of 7,500m</div> <div style="font-size: 2em;"><</div> <div style="border: 1px solid green; border-radius: 15px; padding: 5px; display: inline-block;">seven hundred and fifty metres</div> </div> <p>Explain your answer.</p>	<p>Problem solving</p> <p>1. Investigate the different combinations of cards that could fill in the statement below.</p> <div style="text-align: center; margin: 20px 0;"> <div style="display: flex; align-items: center; justify-content: center; gap: 20px;"> <div style="border: 1px solid black; width: 60px; height: 60px; margin: 0 auto;"></div> <div style="font-size: 2em;">></div> <div style="border: 1px solid black; width: 60px; height: 60px; margin: 0 auto;"></div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="border: 1px solid blue; padding: 5px;">$6\frac{1}{2}$ km</div> <div style="border: 1px solid blue; padding: 5px;">$8\frac{3}{4}$ km</div> <div style="border: 1px solid blue; padding: 5px;">6,500m</div> <div style="border: 1px solid blue; padding: 5px;">$9\frac{3}{4}$ km</div> <div style="border: 1px solid blue; padding: 5px;">0.5km</div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="border: 1px solid blue; padding: 5px;">$8\frac{1}{4}$ km</div> <div style="border: 1px solid blue; padding: 5px;">65m</div> <div style="border: 1px solid blue; padding: 5px;">550m</div> <div style="border: 1px solid blue; padding: 5px;">$5\frac{1}{2}$ km</div> <div style="border: 1px solid blue; padding: 5px;">6,750m</div> </div> </div> <p>Tips</p> <ul style="list-style-type: none"> • Try and use all the different lengths and measurements. • How many different combinations can you make?