

**Dear parent or guardian:** This is a summary of the key ideas your child is learning in mathematics. You can use this summary as background as you support your child's work.

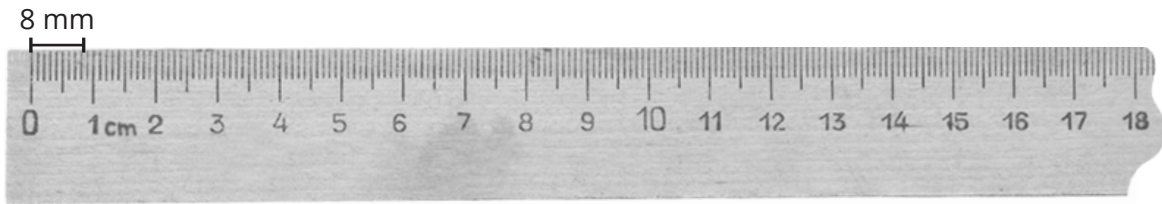
### 3 Using Decimal Thousandths

#### Relating Thousandths to Metric Measurement

One meaningful use of decimal thousandths is in describing metric measurements.

- Since 1 mm is 1 thousandth of a metre, any measurement in thousandths of metres can be described using millimetres.

For example,  $0.008 \text{ m} = 8 \text{ mm}$ .



- Similarly, any measurement in thousandths of a litre can be described using millilitres.

For example,  $0.250 \text{ L} = 250 \text{ mL}$ .



$0.250 \text{ L} = 250\text{mL}$

## Relating Thousandths to Metric Measurement (continued)

- Any measurement in thousandths of grams can be described using milligrams.

For example,  $0.008 \text{ g} = 8 \text{ mg}$ .

- Since 1 m is 1 thousandth of a kilometre, any measurement in thousandths of a kilometre can be described using metres.

For example,  $0.0013 \text{ km} = 1.3 \text{ m}$ .

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## Notes

It is always worthwhile to integrate ideas from one strand while learning about another. The focus in this lesson is making sense of the relationships between millimetres and metres, metres and kilometres, and millilitres and litres.

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## Definitions

**decimal thousandth:** a number that extends to the right of the whole number by three decimal places, to the thousandths place, for example, 0.567, 3.742