Comparing length, mass, capacity and time

Learn and practise | Free preview

A sample from this topic. The complete topic collection contains three different resources and worked solutions.

Work with an adult. Show, say, draw or build your answers. Use the explanations and example first.

What you will practise

• Comparing length, mass, capacity and time

• Explain and check an answer with an appropriate representation.

Useful starting skills: Use objects, drawings or a number line to explain a simple idea.

Choose the attribute you are comparing: length is how long, mass is how heavy, capacity is how much a container can hold, and duration is how long an event lasts.

Compare fairly. Line up ends for length, use a balance for mass, pour equal material for capacity, and use the same start signal for duration.

Worked example

How can we compare the lengths of two ribbons?

Place them straight with one end lined up.

The ribbon whose other end reaches farther is longer.

Answer: Compare from the same starting point.

Try it yourself

Name: _____ Date: _____

1. Line up two pencils at one end. One reaches farther. Which is longer?

2. A balance has an apple on one side and a feather on the other. The apple side is lower. Which has more mass?

Answers and explanations

Check the method as well as the final answer. An alternative correct method is also valid.

1. The one that reaches farther

The starting ends must match for a fair direct comparison.

2. The apple

On this balance, the lower side holds the greater mass.

Curriculum reference: VC2MFM01

Independent original resource. Not published or endorsed by VCAA. This focused set supports the listed skills; it is not a complete course or an official assessment.

This free preview may be shared intact with attribution. Not for sale.