



Think

What are these bottles for? Why were they made and for whom?



Respond

Is plastic good or bad? Write a balanced argument about the benefits and drawbacks of plastic products.



Solve

A bottle holds 500ml of water. What is that in litres? There are 16 bottles in a box. How many litres of water does one box of bottles hold? How many millilitres do five boxes of bottles hold?



Discuss

Should we stop using all plastic items? Are there instances where single-use plastic is more environmentally friendly than the alternatives?



Reimagine

Look at a plastic bottle. How can this be reused? Can you turn it into a new useful product?



Discover

Fact: Each year, more than 480 billion plastic bottles are made.

Question: How are they made? How are they used and disposed of? Create a poster about the life cycle of a plastic bottle.



Plant Plastic **Answers**

What is that in litres?

There are 1000ml in 1L. Therefore:

$$500\text{ml} = 0.5\text{L}$$

How many litres of water does one box of bottles hold?

There are 16 bottles in one box:

$$0.5 \times 16 = 8\text{L}$$

How many millilitres do five boxes of bottles hold?

One box contains 8L of water.

$$8\text{L} = 8000\text{ml}$$

$$8000 \times 5 = 40\,000\text{ml}$$