

How big is the lake/pond?

Family Activity

reach

In this activity you are trying to estimate (make an intelligent guess) at the amount of water in the lake or pond.

How long is the lake/pond?

Why do you think that?

How wide is the lake/pond?

Why do you think that?

What did you compare it to?

Why?

How deep do you think the lake/pond is?

Why do you think this?

How could you use your estimations (above) to estimate the volume of water in the lake/pond?

What is the approximate volume of water in the lake/pond?

How did you work this out?



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Look at, and think about, this information:

A bath uses about 80 litres of water

1 litre is 1 000cm³

1m³ is 1 000 000cm³

What can you work out using this information?

Approximately how many baths of water would fit in the lake/pond?

Think about

What do you need to know to answer the question?

Why do you need to know these things?

What information do you need to work these things out?

Use the information you have and your ideas to answer the question.

