

Name _____

Date _____

How Many Bottles Will It Take?

nlperspectives Learning Hub

Predict -> Measure -> Calculate -> Test -> Compare -> Reflect -> Real-World Challenge

Challenge

Estimate, measure, calculate, test, compare, and reflect to discover your container's capacity.

My prediction

I think it will take

_____ bottles

Because:

Measurements

Measurement	Value	Unit
Length		
Width		
Height		

Your Work

Show your calculations below.

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Bottle Test

Bottle size	Number of bottles used	Actual result

Compare

Record the result from the nlperspectives Tank Volume Calculator.

Was the calculator result close to your hand calculation and bottle test?

Reflection

Was your prediction close?

What surprised you?

What did you learn?

What would you do differently next time?



Real-World Challenge

Choose another container at home. Predict its capacity, measure it, calculate by hand, test it if it is safe to do so, and compare your answer.

☐ I completed this activity.

Completed by: _____

Date: _____

Great work! Learning happens when you predict, measure, calculate, test, compare, and reflect.