

Name _____

Date _____

How Many Blocks Will It Take?

nxperspectives Learning Hub

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

Challenge

Estimate, measure, calculate, build, compare, and reflect to discover how many blocks your wall needs.

My prediction

I think the wall will need

_____ blocks

Because:

Measurements

Measurement	Value	Unit
Wall length		
Wall height		
Block length		
Block height		

Your Work

Show your calculations below.

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Model Build

Blocks in one row	Number of rows	Actual block count

Compare

Record the result from the nxperspectives Blocks Calculator.

Was the calculator result close to your hand calculation and model count?

Reflection

Was your prediction close?

Which result was largest: prediction, hand calculation, model count, or calculator?

Where did rounding, gaps, or block size affect the answer?

What would you measure more carefully next time?



Real-World Challenge

Choose a small project idea: planter, short garden wall, mailbox enclosure, or landscape border. Estimate the blocks needed and explain the measurements and assumptions you used.

☐ I completed this activity.

Completed by: _____

Date: _____

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