

Name _____

Date _____

How Many Tiles 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 how many tiles your surface needs.

My prediction

I think it will take

_____ tiles

Because:

Measurements

Measurement	Value	Unit
Surface length		
Surface width		
Tile length		
Tile width		

Your Work

Show your calculations below.

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Tile Test

Tile size	Number of tiles laid	Actual result

Compare

Record the result from the noperspectives Tile Calculator.

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

Reflection

Was your prediction close?

Which result was largest: prediction, hand calculation, tile test, or calculator?

What did you learn?

What would you measure more carefully next time?



Real-World Challenge

Choose another small rectangular surface at home. Predict how many tiles it would need, measure it, calculate by hand, and explain the assumptions you used.

☐ I completed this activity.

Completed by: _____ Date: _____

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