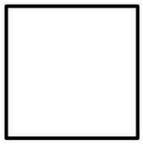
26 Squares: Perimeter

2017.
Laura Wheeler
Pear Deck - February 1, 2017 at 8:46AM

Part 1 - Summary

Use this space to summarize your thoughts on the lesson

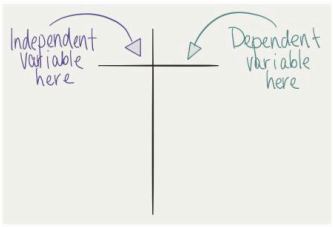
Part 2 - Responses

Slide 1 - Text Response	Your Response
Predict: What is the relationship between the side length of a square and its perimeter? 	

Use this space for notes:

Slide 2

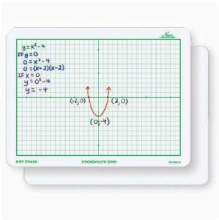
Create a table of values
for the relationship between
the side length of a square
and its perimeter:



Use this space for notes:

Slide 3

Graph the points on your mini-board.
Draw a line of best fit.
Label your axes



Use this space for notes:

Slide 4 - Multiple Choice	Your Response

This relationship is:	

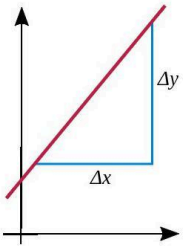
Use this space for notes:

Slide 5 - Text Response	Your Response
How can we tell that this is a linear relationship?	

Use this space for notes:

Slide 6

Calculate the slope (rate of change) of this relation.



Use this space for notes:

Slide 7 - Number	Your Response
Explain what the slope means in this scenario (talk about perimeter & side length).	

Use this space for notes:

Slide 8 - Text Response	Your Response

Determine the y-intercept (initial value) of this relation. What does it represent?	

Use this space for notes:

Slide 9

What is the equation for your line of best fit?

Perimeter = . . .

Use this space for notes:

Slide 10

Take a photo of your group's board.
Tomorrow you will upload it into
your online notes.

Use this space for notes:

Slide 11

Download the Desmos app
or
Go to http://desmos.com/calculator

Use this space for notes:

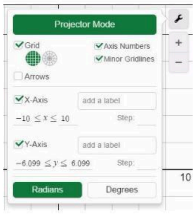
Slide 12

Add your table of values:
(don't change the x_1 and y_1 headings)

Use this space for notes:

Slide 13

Label your x & y axes.
Choose minimum & maximum values for each axis to see all your points & (0, 0).



Use this space for notes:

Slide 14

Take a screenshot of your graph so far. If you've borrowed a device today, save the screenshot to your Google drive.

Use this space for notes:

Slide 15 - Website	URL
Go to my website: https://sites.google.com/ocdsb.ca/whe Choose your course. Complete the student survey (link at bottom of page)	

Use this space for notes: