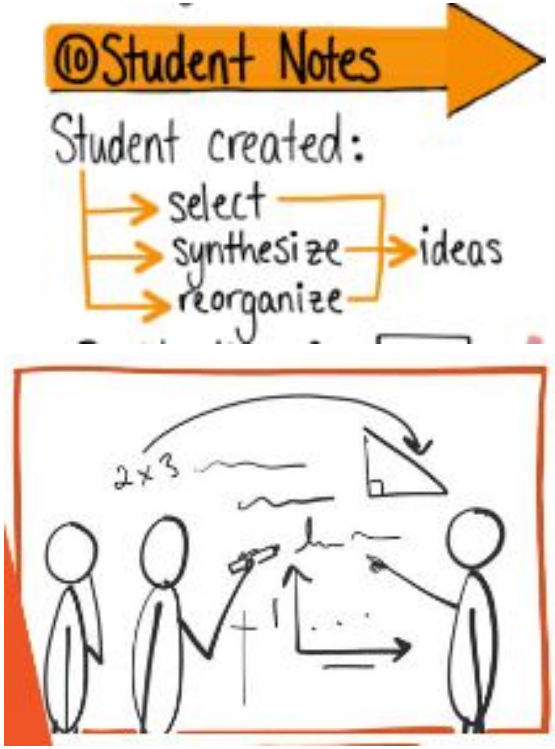
Meaningful Notes - functions

Adapted from the book *Building Thinking Classrooms in Mathematics* and the work of Peter Liljedahl

Meaningful Notes

- Is the act of making notes (not taking notes)
- Helps make your learning more permanent
- Organizes your thoughts
- Is a record of your learning
- Transfers collective learning to individual learning and formal understanding



Source: https://buildingthinkingclassrooms.com/

BUILDING THINKING CLASSROOMS in MATHEMATICS

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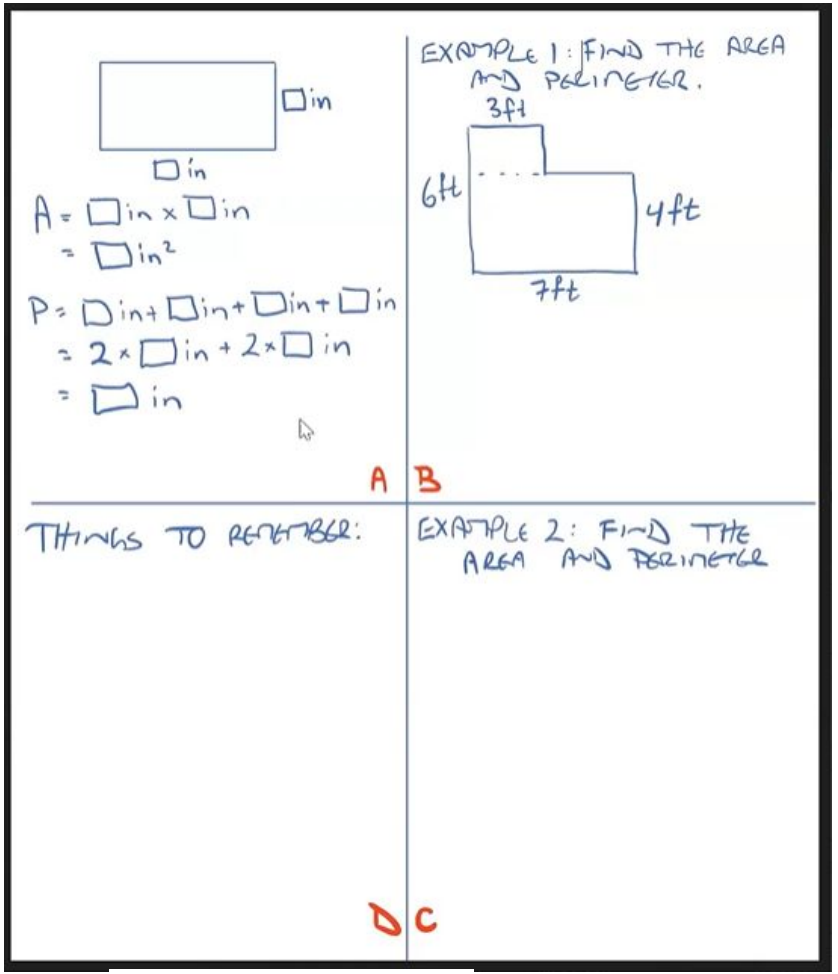
How to do it:

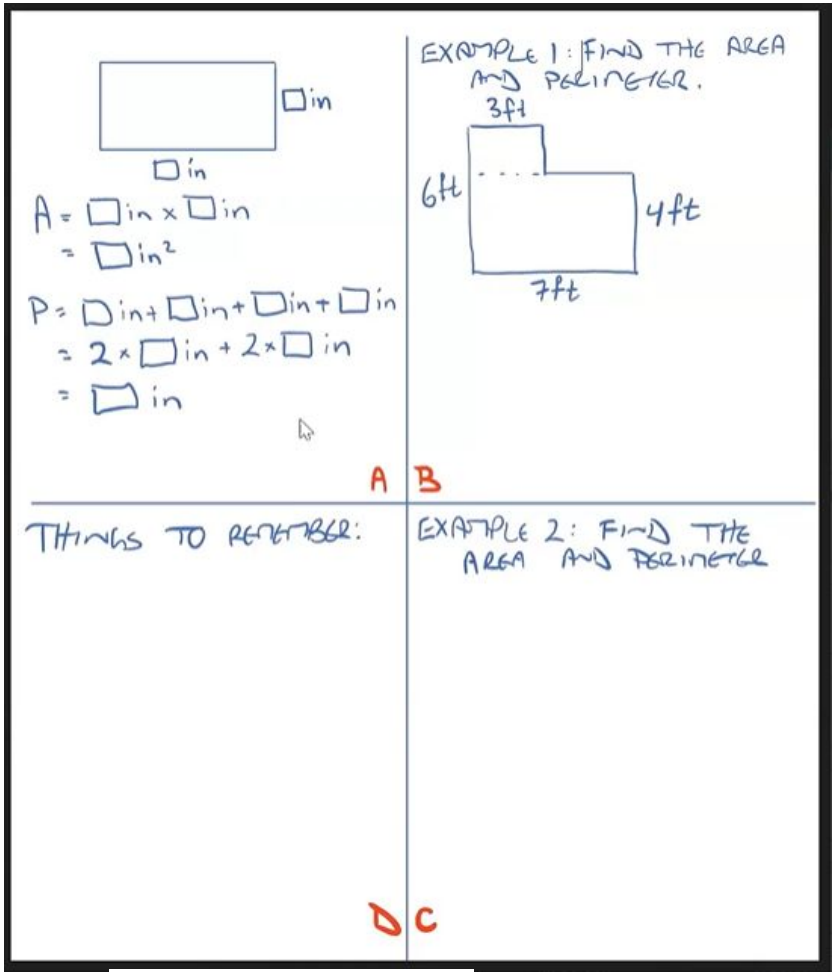
- You will work at the white boards in your groups
- Your teacher will give you examples for **Quadrant A** and **Quadrant B**
- You can each have a marker (not limited to one)



Source: Livestream #3 with Peter Liljedahl (facebook)

How to do it:

- Divide your board into 4 parts
- **Quadrant A**: complete the example
- **Quadrant B**: work the example
- **Quadrant C**: work your own example
- **Quadrant D**: things to remember, or notes to your future forgetful self



Source: Livestream #3 with Peter Liljedahl (facebook)

Quadrant A:

Complete this example

- Using the code, demonstrate how you would define a function and call the function

```
display.show(pics.HEART)
sleep(delay)
display.show(pics.HEART_SMALL)
sleep(delay)
```

Function Definition:

Function Call:

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Quadrant B:

Create at least one function from the code example:

```
from codex import *
from random import randrange

red = randrange(256)
green = randrange(256)
blue = randrange(256)

color = (red, blue, green)

pixels.set(0, color)
pixels.set(1, color)
pixels.set(2, color)
pixels.set(3, color)
```

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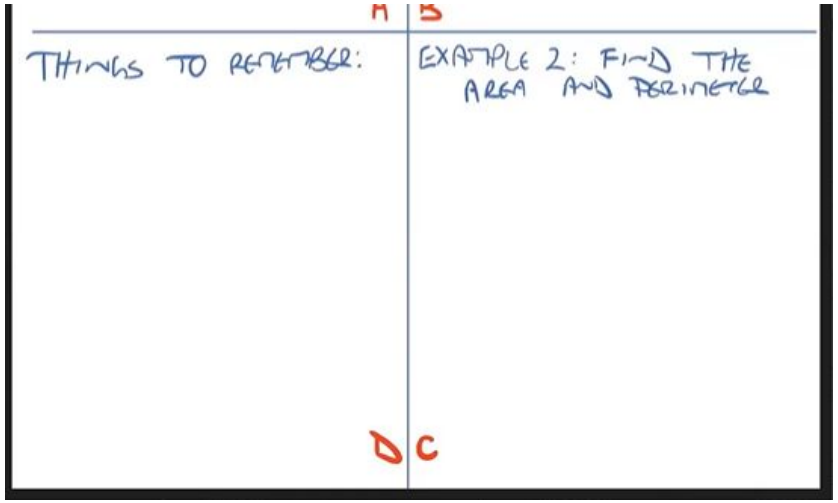
Quadrant C and D:

Quadrant D:

things to remember, or notes to your future forgetful self

Quadrant C:

work your own example (flowchart only)



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