Warmup 8/(The sum of the first 7 positive whole numbers) Created by Mr. Lischwe

Tough Patterns Tuesday

- 1. Sketch step #5.
- 2. Complete the table.
- 3. Write an equation for the pattern

Step number (n) 25 2 10 15 3 5 Number of 24 40 12 60 480 220 1300 toothpicks (s)



Add to your take of contents.

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Objective:

-Solve multi-variable equations for a given variable

Still in "Foundations" section

Introduction Worksheet

• If $\mathbf{x} = \mathbf{y} + \mathbf{4}$, what does \mathbf{y} equal? $\gamma = \times -\mathcal{U}$

• If 2a = b, what does a equal? • a = b/2





IMPORTANT CONCEPT:

If you solve an equation like y = 2x + 5 for x, you're not figuring out what number x equals. You're just figuring out what x is in relation to y.

• You don't get an actual number! You're just <u>rearranging the</u> <u>equation.</u>



Area of a Trapezoid



Homework

WORKSHEET