

## Looks like

Algebraic Expressions  
 $x - m$     $c + g$     $(c + g) \div (x + m)$

## Algebra

Finding an unknown  
variable using equations to solve problems

$$(3-x) + (2-x) = 5$$

Functions

$$y = 10 + 2x$$

Patterns

Simple → one unknown  
1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25

Ask Questions  
What's the rule?  
What's the pattern?

Write an equation  
using addition

$$test: 21 + 6 = 27$$

$$15 + 6 = 21$$

$$19 + 6 = 25$$

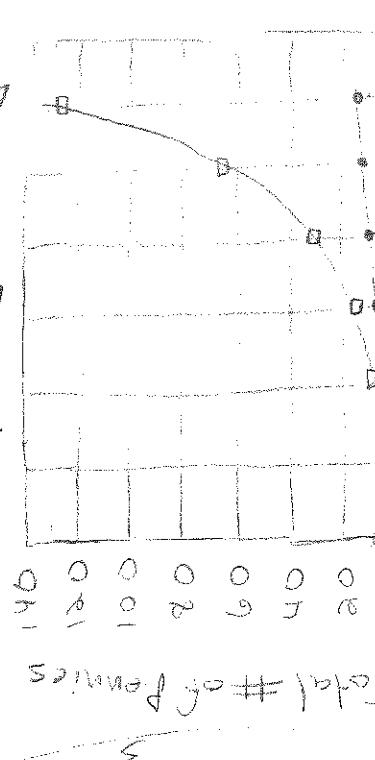
$$23 + 6 = 29$$

$$27 + 6 = 33$$

We will use tables/graphs to communicate relationships between two quantities.  
We will persevere in understanding algebraic patterns, functions, and relationships.  
We will analyze, describe and represent algebraic patterns with precision.

## Looks like

Comparing two Penny Tars  
Between two situations



Number of Rounds

Total Points

Penny Tar 1

Penny Tar 2

Rate of change

Start at 40

Rate of change

Start at 0

Rate of change

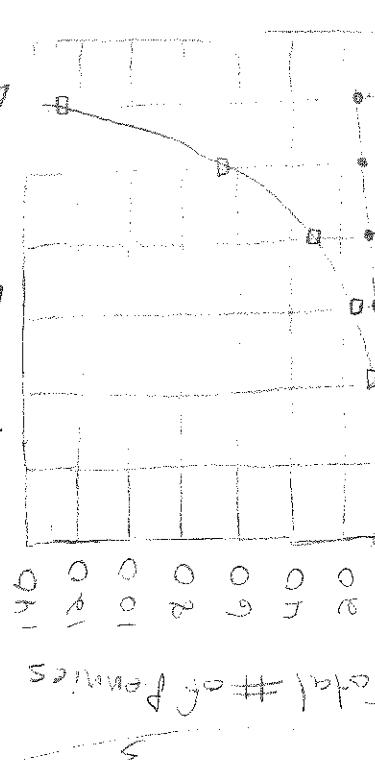
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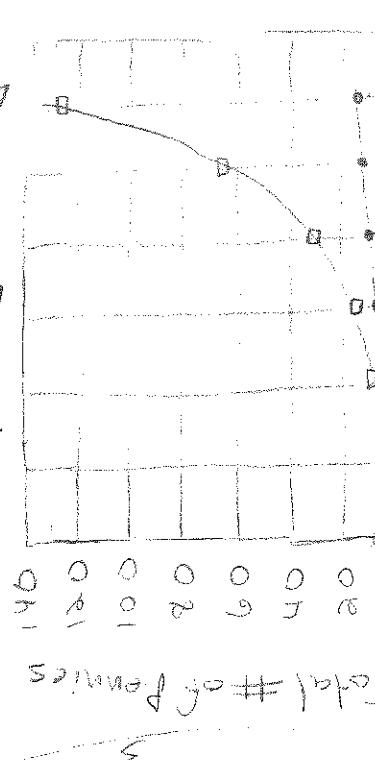
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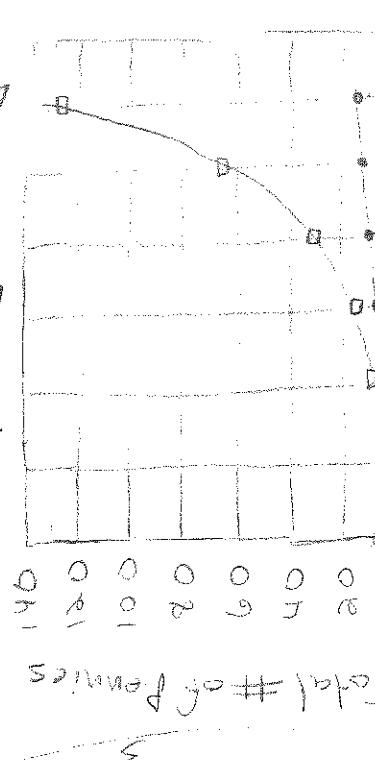
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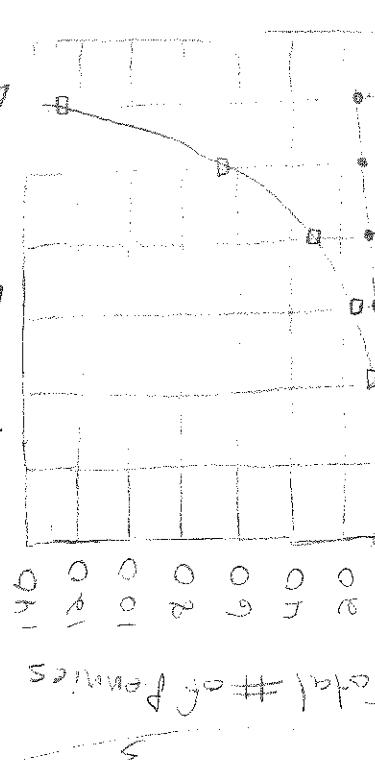
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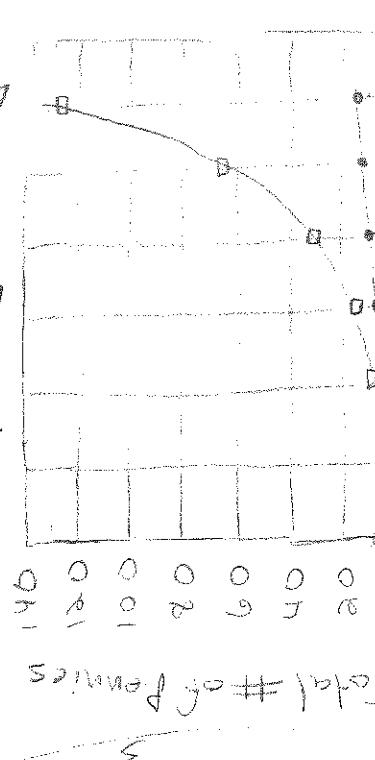
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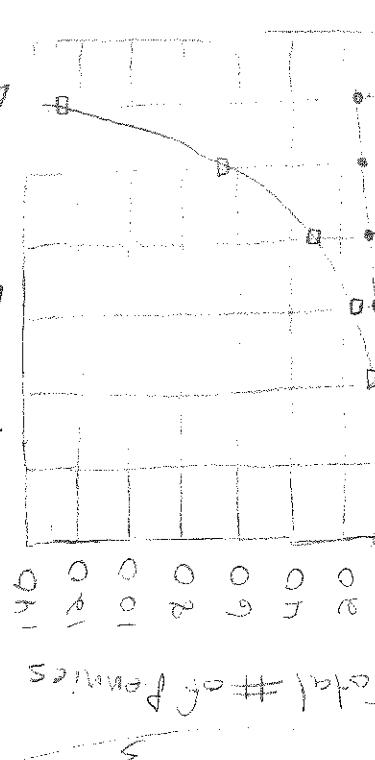
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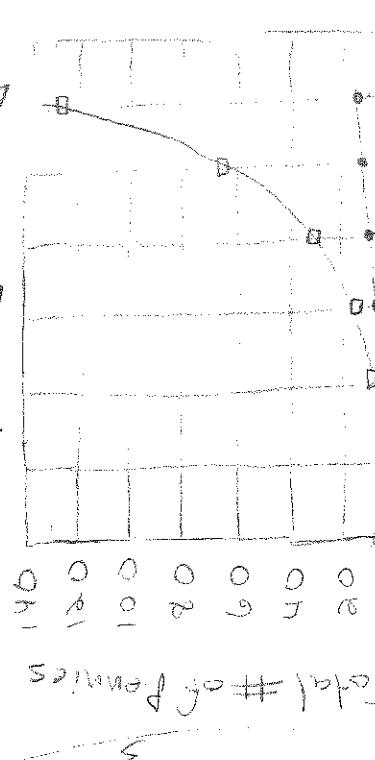
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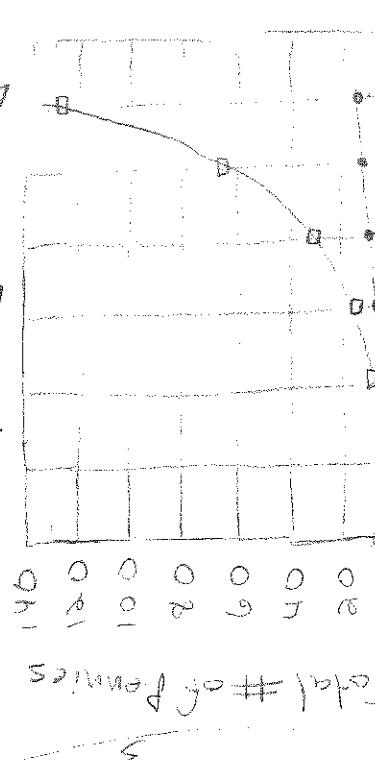
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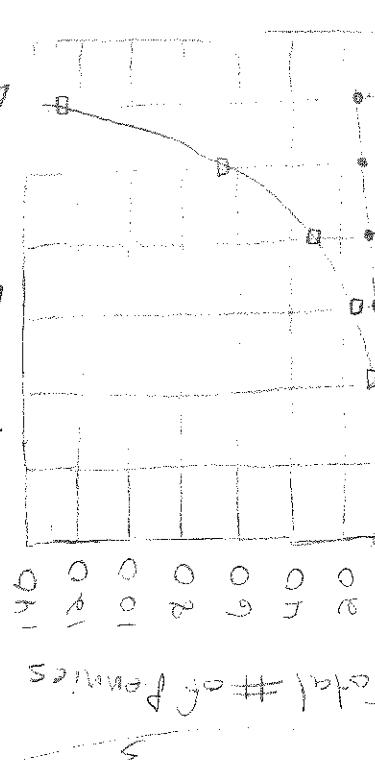
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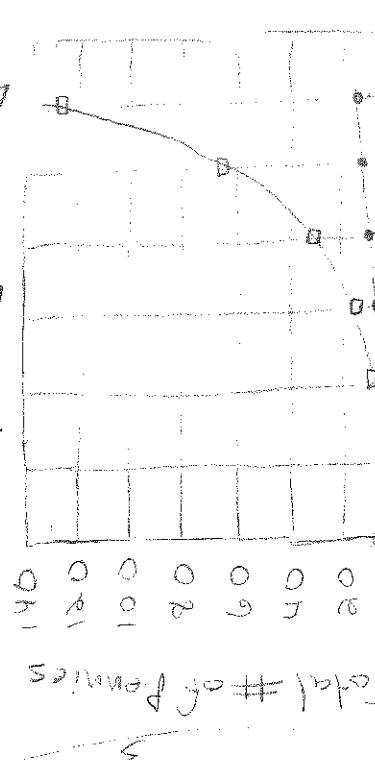
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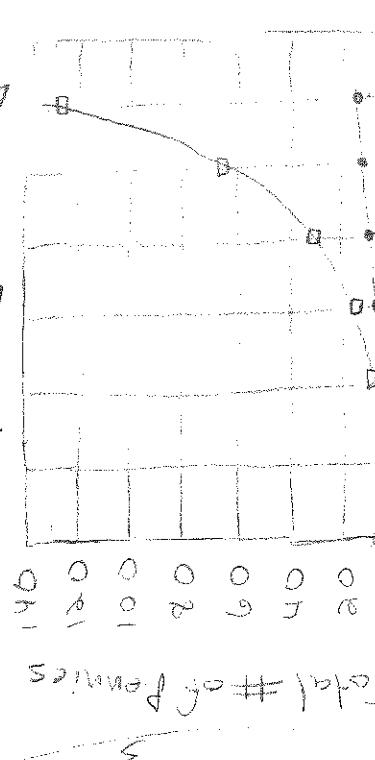
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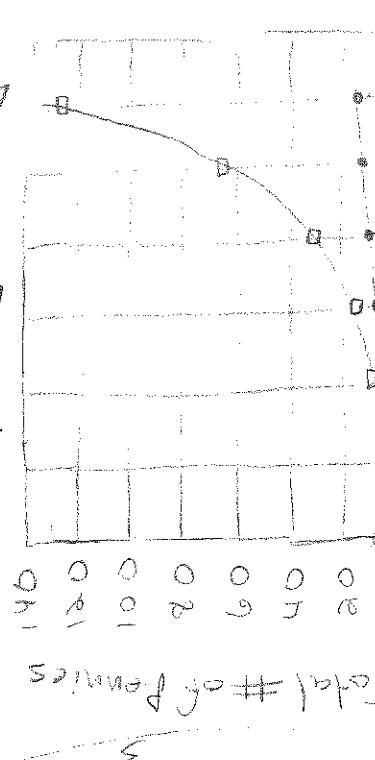
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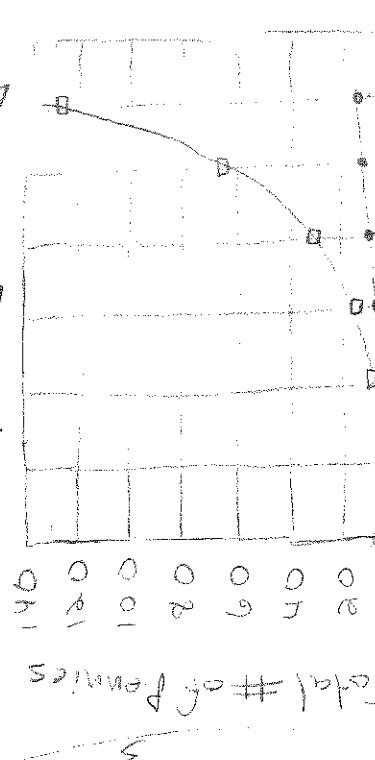
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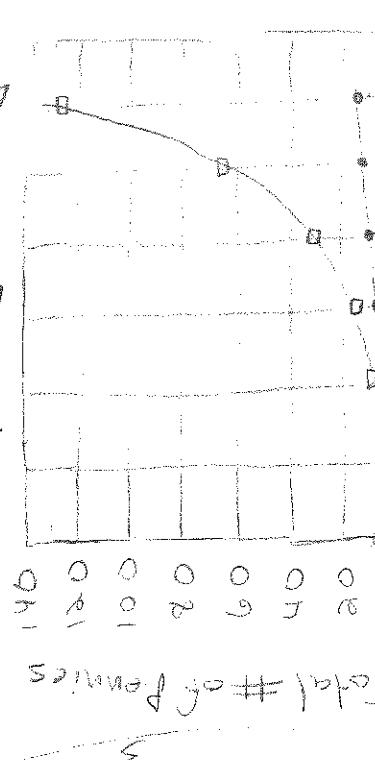
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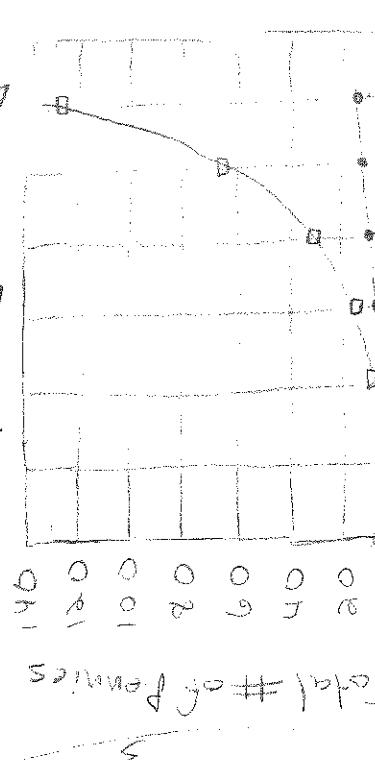
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