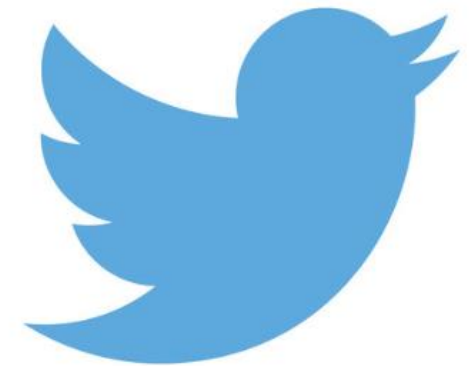


# Social Media Challenge

Like, follow, share, use #MathTalkers  
WIN A PRIZE!!!





# λε+'s Τα1κ +ηε Μα+h Τα1κ

Brian Heisler

Daisy Shah

# Starburst Math Questions

- How did you do?



# Objectives

- Details of Math Talk
- Math strategies
- GED Math test topics
- Activities
- Market/promote your program using Math Talk
- Selfie contest

# Discussion

- Test anxiety
- [Math Person vs Non-Math Person](#)
- Thoughts?



# Background

- What is Math Talk?
  - [Channel Trailer video](#)
  - Marketing
  - Simplifying math problems
  - Topics covered





# Facts and Stats

- 45+ YouTube videos
- 1300+ YouTube subscribers
- Tens of thousands of views
- 500+ Followers on various social media platforms
- Thousands of **#MathTalkers** worldwide!

Thank you for all of your videos I passed my math



REPLY

# How has it Helped Students?

I was 1 minute into this video--and could literally FEEL my brain/mind resonate with what you are teaching!! Like my mind was actually having this information sinking into it. At nearly the 4th minute and it's still going. You teach very practical...and so far not too fast either. Thank you!

best teacher online for GED math



# Content – GED Test

- 45% Quantitative Problem Solving
- 55% Algebraic Problem Solving
- Basic Math
- Basic Algebra
- Graphs and Functions
- Geometry



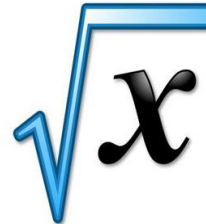
# Basic Math

- **Fractions, decimals, whole numbers**
- Multiples and factors
- **Exponents**
- **Square roots, squares, cube roots, cubes**
- Unit rates and Scales
- Undefined expressions
- Ratios, proportions, percentages

Fractions			
$\frac{1}{1}$		100% 1	One Whole
$\frac{1}{2}$		50% 0.50	One Half
$\frac{1}{3}$		33.3% 0.333	One Third
$\frac{1}{4}$		25% 0.25	One Quarter
$\frac{1}{5}$		20% 0.20	One Fifth
$\frac{1}{6}$		16.6% 0.166	One Sixth
$\frac{1}{8}$		12.5% 0.125	One Eighth
$\frac{1}{10}$		10% 0.10	One Tenth
$\frac{1}{12}$		8.33% 0.0833	One Twelfth



$5^3 = 125$   
 $5 \times 5 \times 5 = 125$



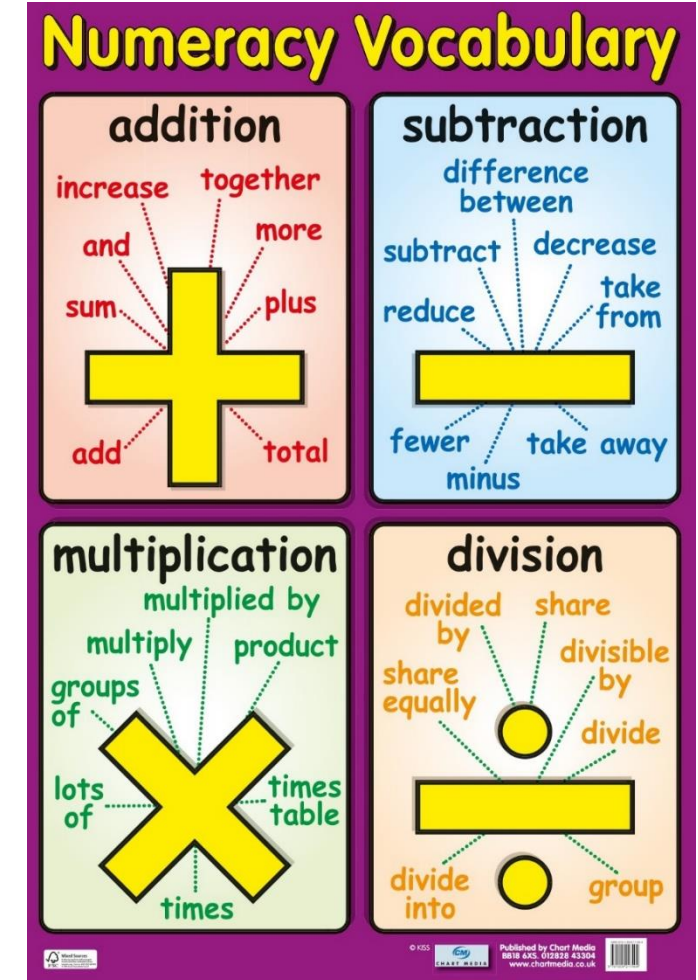
$\sqrt{x}$



[Kahoot.it](https://kahoot.it)

# Basic Algebra

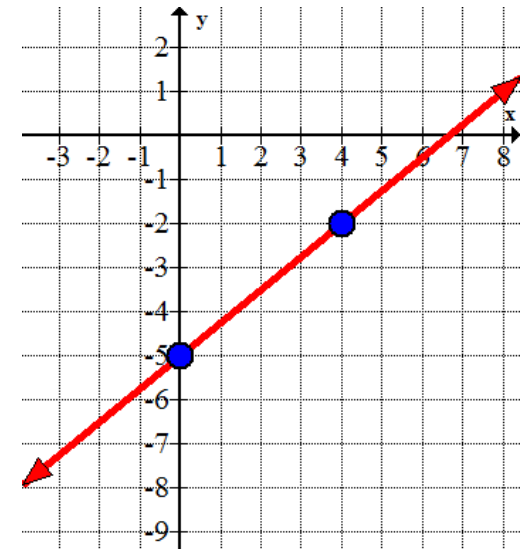
- $+$ ,  $-$ ,  $\times$ ,  $\div$  Linear and rational expressions
- Evaluate and create algebraic expressions
- **Writing expressions & equations**
- $+$ ,  $-$ ,  $\times$ ,  $\div$  Polynomials
- Solve systems of equations
- Quadratic Equations
- Solve inequalities and graph
- **Solving real-world problems**



# Graphs and Functions

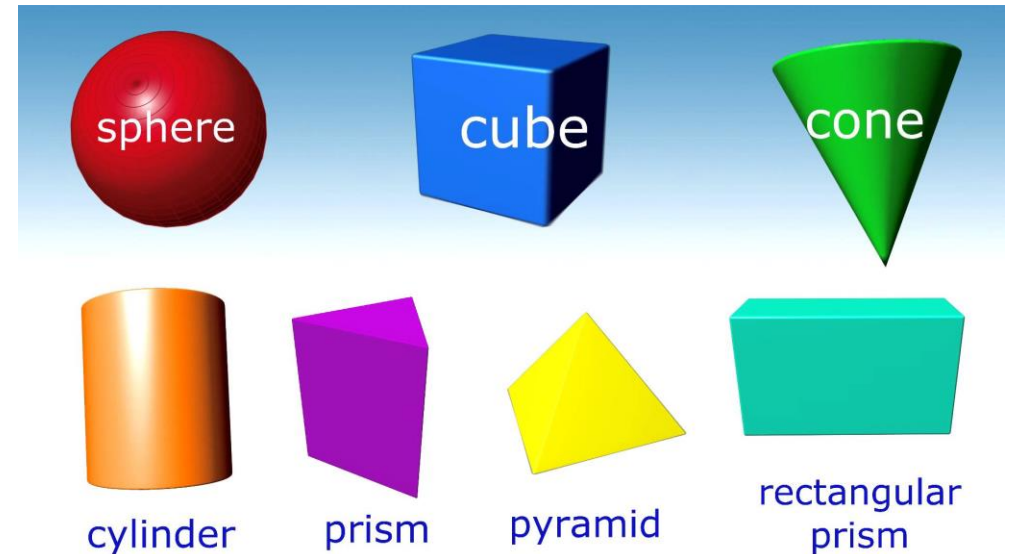
- Points on graph
- **Slope**
- Equation of a line
- Identifying Functions
- Evaluating Functions
- **Functions in tables and graphs**

$$f(x)$$

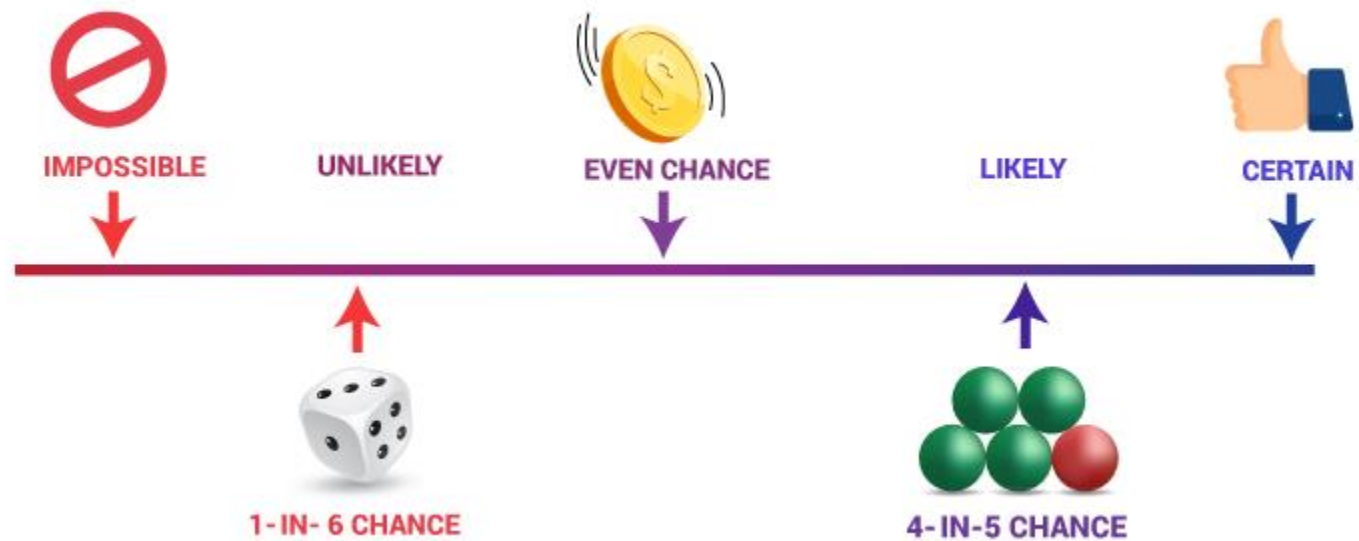


# Geometry

- Area, perimeter, surface area, volume
- Graphs and tables
- Mean, median, mode, range
- Counting techniques
- **Probability**

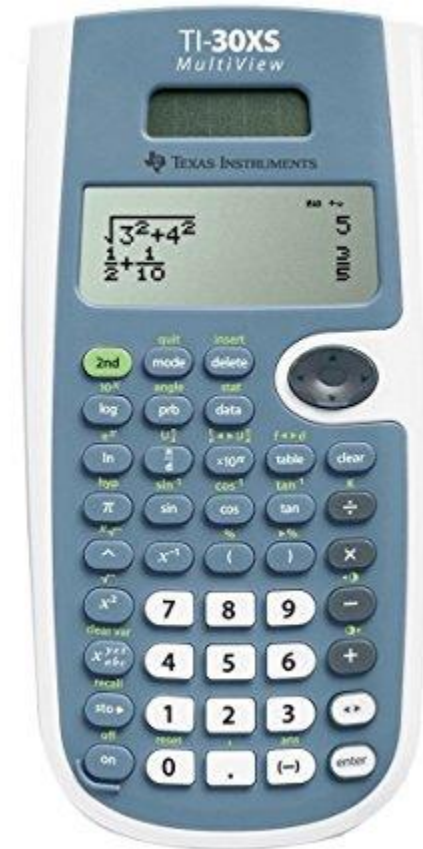


# Probability Activity



# Content - General

- Formulas
- **Number Sense**
- **Answer plausibility and selection**
- **Calculator Skills**
- Definitions of words/phrases





# Answer Selection Example

A store charges \$6.96 for a case of Starbucks Frappuccinos.

- . Each case contains 2 boxes of drinks.
- . Each box contains 4 bottles of Frappuccinos

Question: What is the cost of each bottle of Frappuccino?

**A.** \$0.87      **B.** \$1.16      **C.** \$1.74      **D.** \$3.48

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**B. \$1.16**

**C. \$1.74**

**D. \$3.48**

# How to Improve?

- **Practice, Practice, Practice**
- **Conceptual vs Procedural thinking**
- Learn your squares and cubes
- Learn the calculator
- Make the math relatable
- **Test Taking Strategies**

# What's Next?

- Selfie Challenge
- Plans moving forward with Math Talk
  - New videos
  - New Topics
  - Live Sessions
  - ...More

# Promote Your Program



# Session Evaluation

Thank you for attending our presentation!

Best of luck to your students as they prepare for the GED Test!



# Questions?

# Resources

<https://www.cc-sd.edu/blog/the-ged-math-test-facts-and-strategies>

<https://youtu.be/VoLZLsRXuKE>

<https://www.youtube.com/channel/UCWc-pdSSs-VOxPMVv4Ao7VA/videos>