

YPS Parent Academy

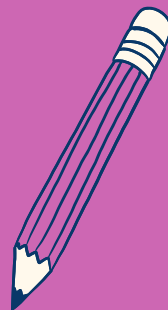
Are you **G.A.M.E.** in Math?

Session 2: 2/11/23

Lower Elementary



$$X = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$



$$a^2 + b^2 = c^2$$

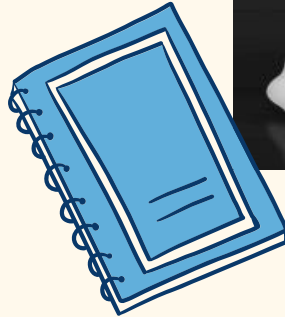
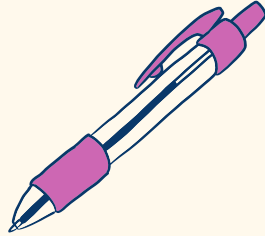


Introductions!

Who am I?

Please share:

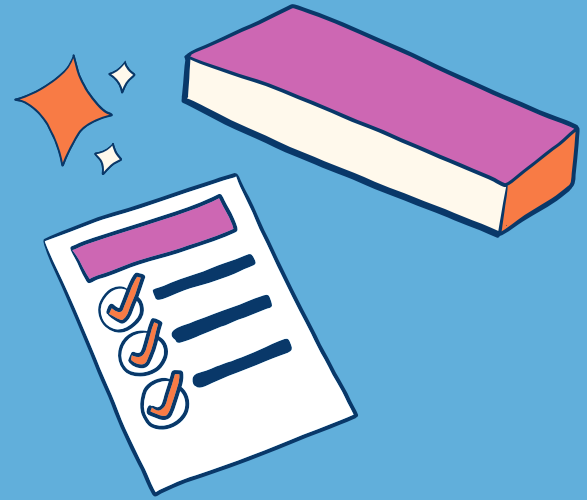
- Name
- Child's School
- Child's Grade Level
- Your favorite topic in math (why is it your favorite?)



Our Parent Workshops!

Come join us for a series of workshops for parents of students in **grades K-8**, designed to teach you:

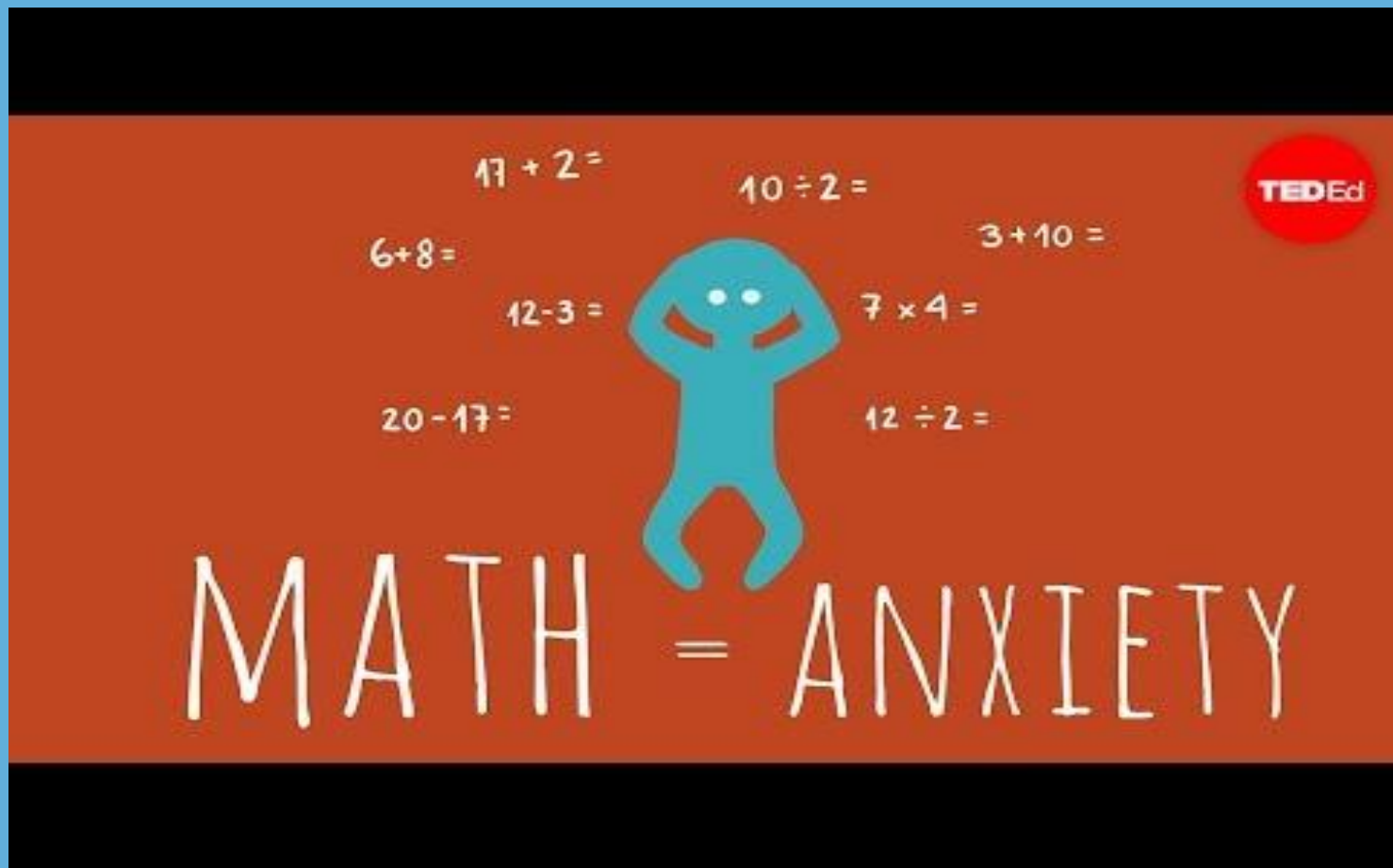
- math concepts that your child is learning in school
- math tools you can use to assist your child in better understanding the math concepts
- games and activities you can use with your child to reinforce what they are learning in school



When

- **9:30-11:30AM** on select Saturdays
 - 1/28/23
 - 2/11/23
 - 3/4/23
 - 3/18/23
 - 4/15/23
 - 4/29/23
 - 5/6/23

Why do people get so anxious about math?



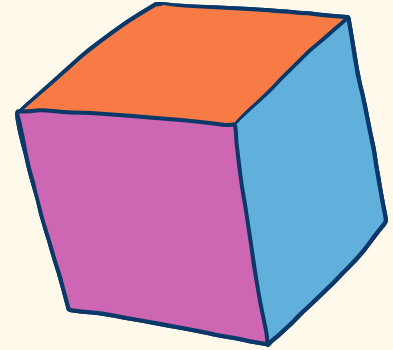
Why do people get so anxious about math?

Time to Reflect

- Have you or your child displayed feelings of "math anxiety"? Why do you think that is?
- What words and tone do you usually use when you speak to your child about math?
- What can you do/try if your child is experiencing "math anxiety" and underperforming because of it?

Word Problems with Multiple Steps

Gabi collects 25 eggs. Her brother collects 13 eggs. Then they sell 18 eggs. How many eggs do they have now?



1. What would you do to solve this problem?
2. What might your child struggle with?

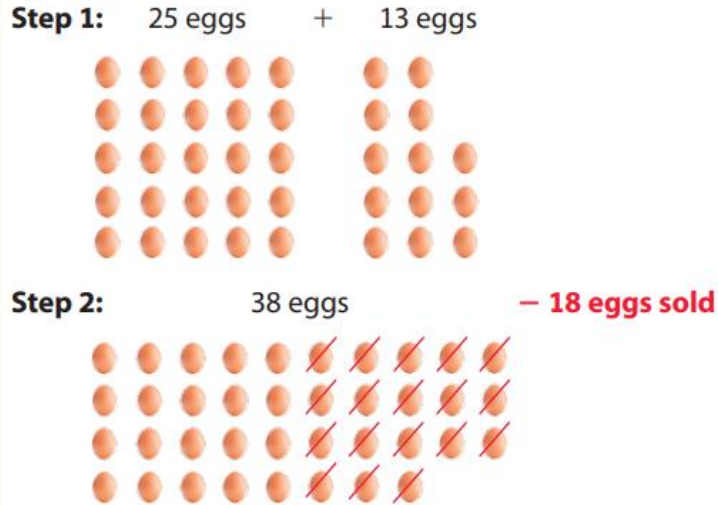


What strategies can we use?

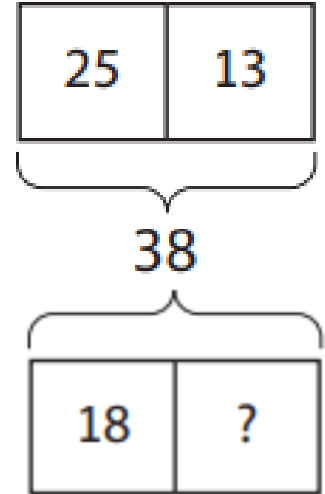
NUMBERS 1-100

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

100 Chart



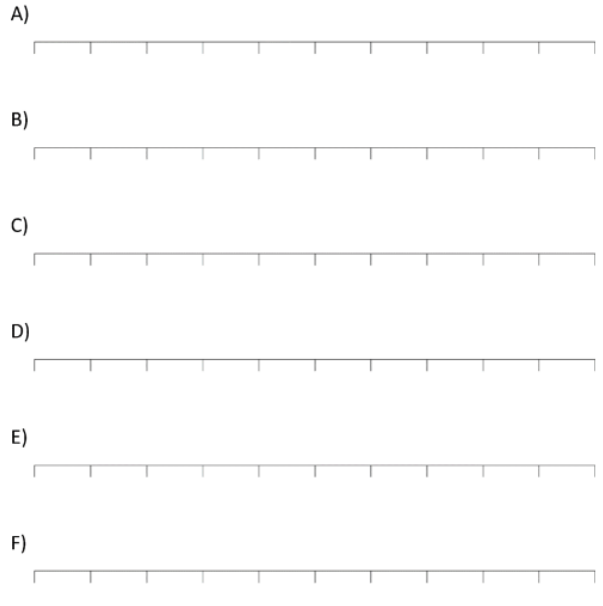
Drawing a Picture



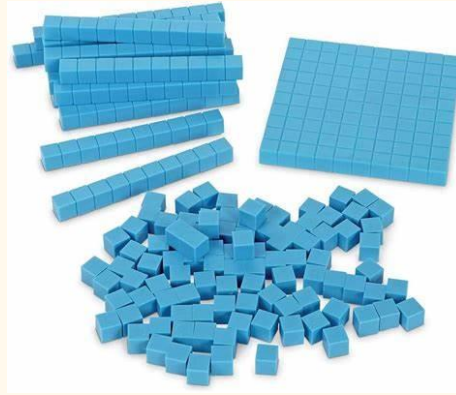
Create a Model



What strategies can we use?



Open
Number Line



Base Ten Blocks
(Covered last
session)

$$\begin{array}{r} 25 \\ +13 \\ \hline 38 \end{array} \qquad \begin{array}{r} 38 \\ -18 \\ \hline 20 \end{array}$$

They have 20 eggs.

Standard
Algorithm



Apply different strategies!

Gabe has 68 building blocks. He gets 27 more building blocks. Then he uses 73 building blocks to make a barn. How many building blocks does Gabe have left?

Solve this problem using at least 3 different strategies that we discussed.

1. Which strategy is your child more likely to use?
2. What connections did you notice among the different strategies?
3. Why is it important for students to learn multiple strategies?



Addition Game: PIG



Let's Play!

Please give us feedback!

