YPS Parent Academy

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

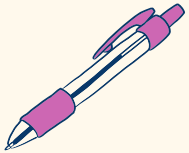
Session 3: 3/4/23

Lower Elementary

Introductions!

Who am I?

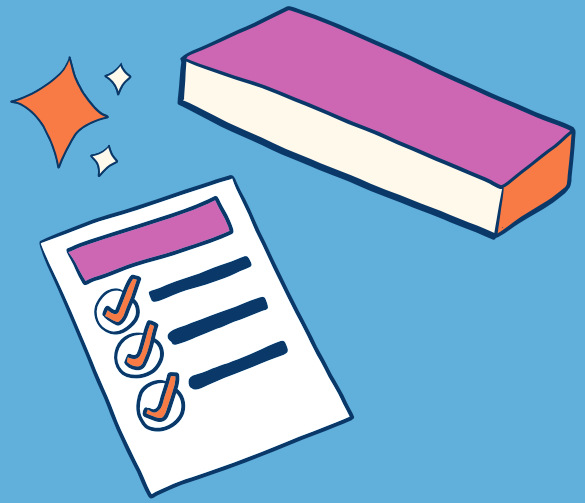
Please share:



- Name
- Child's School
- Child's Grade Level

- A number that is significant and represents something that is important to you.

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

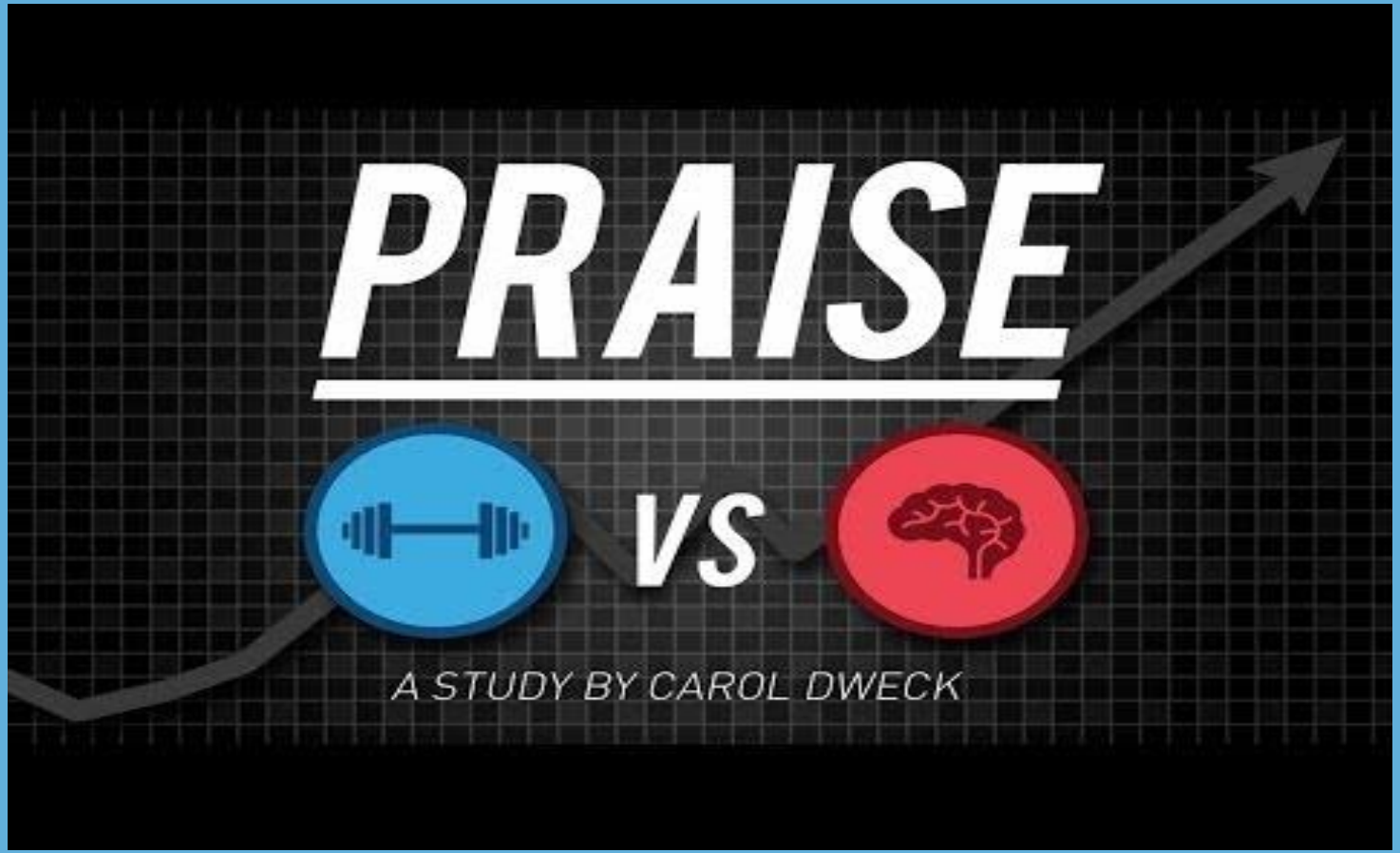
When

- 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

Growth Mindset in Math!

Which mindset do you have for math? Your child?

How do we praise our children?



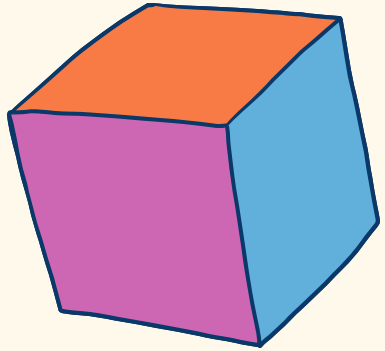
PRAISE: Intelligence vs. Effort

Time to Reflect

- What words do you usually use when you praise your children for their math work?
- After watching the video, what might you do the same or different, moving forward?
- What role do you think "mindset" has played in your child's progress with math?

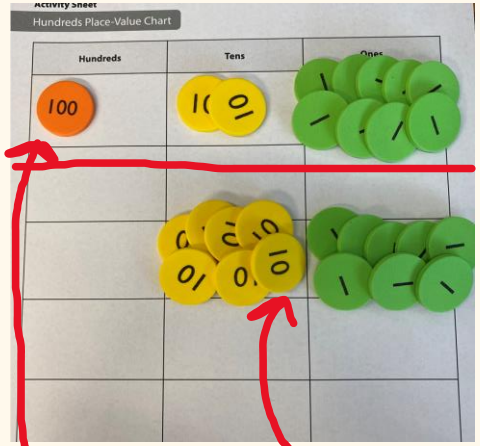
Adding Multi-Digit Numbers

Mr. Coleman drives 129 miles on Monday. He drives 78 more miles on Tuesday than on Monday. How many miles does Mr. Coleman drive altogether on Monday and Tuesday?



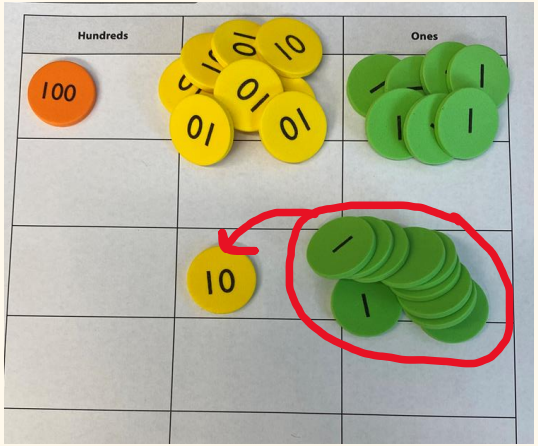
1. What would you do to solve this problem?
2. What might your child struggle with?

Strategy #1: Place-Value Disks

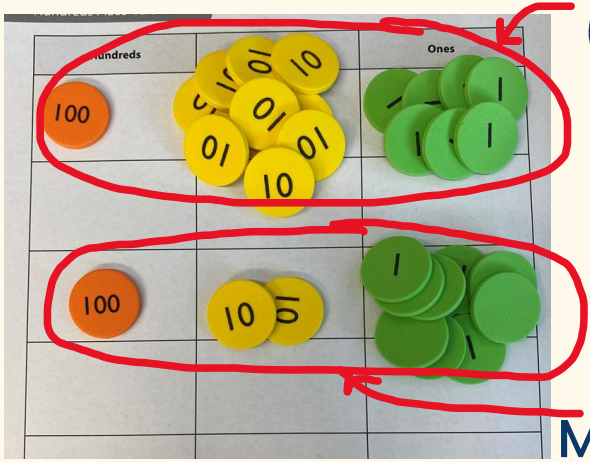


129

78

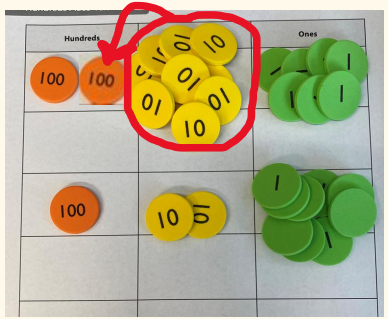


When we combine, 10 ones make 1 ten.

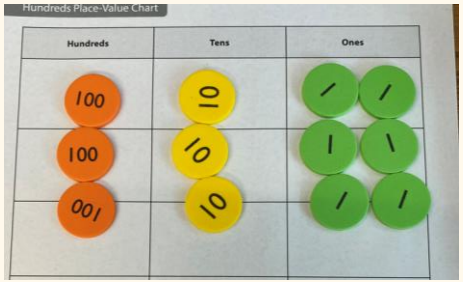


Tuesday (207)

Monday (129)



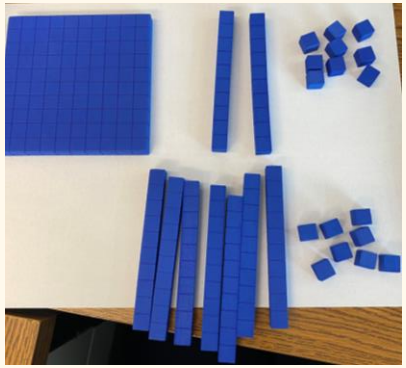
Bundle 10 tens make 1 hundred.



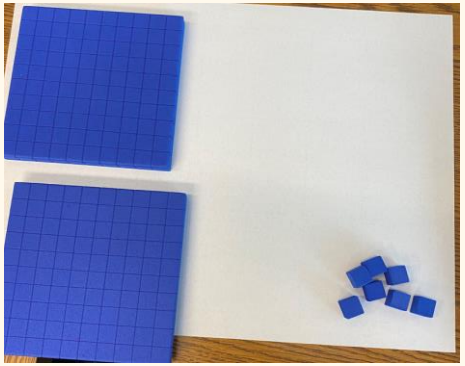
When we combine, 10 ones make 1 ten and 10 tens make 1 hundred.

Total: 336

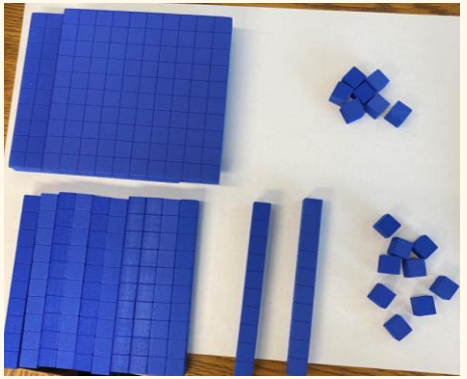
Strategy #2: Base Ten Blocks



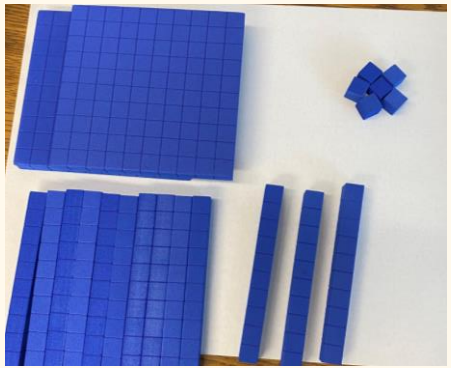
129+78



Bundle 10 ones to make 1 ten and 10 tens to make 1 hundred and the total is 207

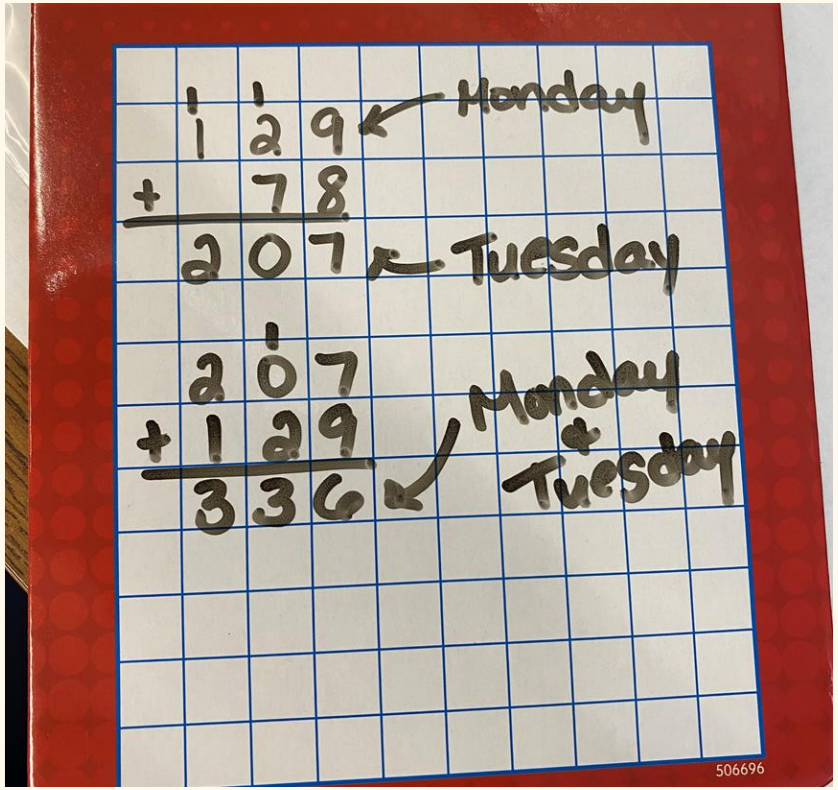


Monday (129) + Tuesday (207)



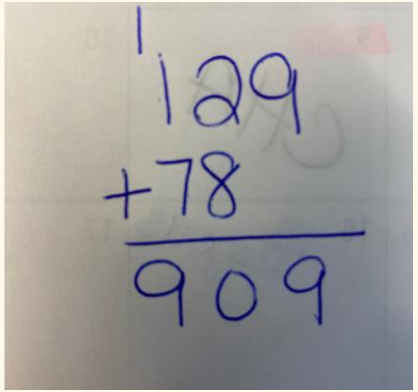
When we combine, 10 ones make 1 ten and 10 tens make 1 hundred. Total: 336

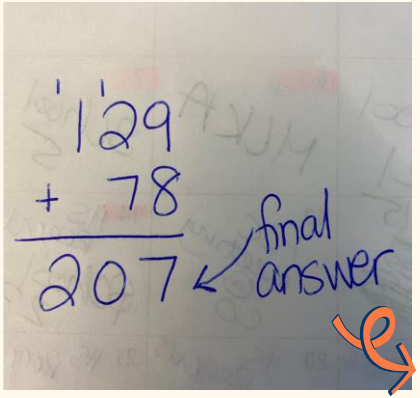
Strategy #3: Standard Algorithm on Grid Paper + Labeling Numbers



Grid paper + Labeling helps students avoid the most common mistakes when adding numbers! Simple but effective support!

What do you think the most common mistakes are when solving a problem like this





Apply different strategies!

Diana has 109 magnets. Roger has 56 more magnets than Diana. How many magnets do Diana and Roger have in all? Show your work.

Use the tools in your kit to solve this problem in as many different ways as possible.

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?

RACE to 5,000!!!

	Hundreds	Tens	Ones
	5	2	3
+	2	6	1
			

1. Play in pairs.
2. Roll your 3 colored dice.
   - GREEN goes under HUNDREDS.
   - RED goes under TENS.
   - WHITE goes under ONES.
3. Roll again and repeat so you have two multi-digit numbers.
4. Add your two numbers to get a Total.
5. Once you have your total, roll again and add another number!

GOAL: Be the first one to get to 5,000!

Let's Play!

Manipulative Kits!!!

You are welcome to take your kits home to use with your kids! At the end of the Parent Academy, they are yours to keep!

If you bring it home, please bring it back with you next session.

We cannot give you another one the next time you come.

Please give us feedback!