



Includes
68 Mini
Reference
Sheets

MATH STRATEGY CARDS

Perfect for a Math Tool Resource Ring



A great tool for teaching math in any grade...



- These little math reference charts are a great tool to use during your math block.
- You could...
 - Use them to teach a new math concept.
 - Give them to students during independent practice.
 - Use during small group lessons.
 - Send home to parents for support.
 - Provide to students as a way to differentiate support.
 - Place in a math center.
 - AND USE IN SO MANY MORE WAYS...

TEACHERS LOVE THIS RESOURCE!

Check out what teachers have to say about this resource.



I call them their "cheat sheets" and kids get such a kick out of it! They have been so great to add on to as I teach new lessons every week. A HUGE help with my kiddos that have IEPs and learning difficulties.

–Vollney S.



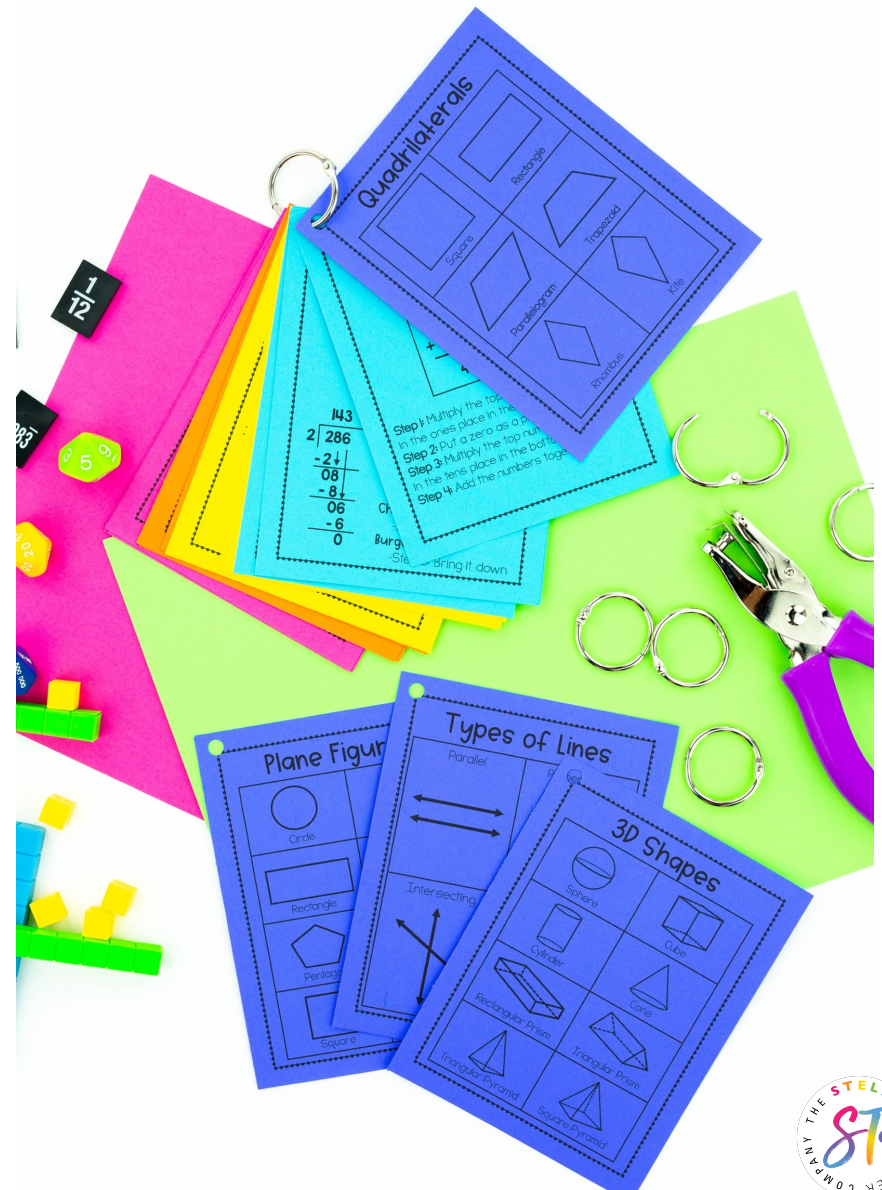
An amazing resource – well organized, varied, and complete – great graphics too! I sent them home to help parents during virtual learning.

– Paola Jorge



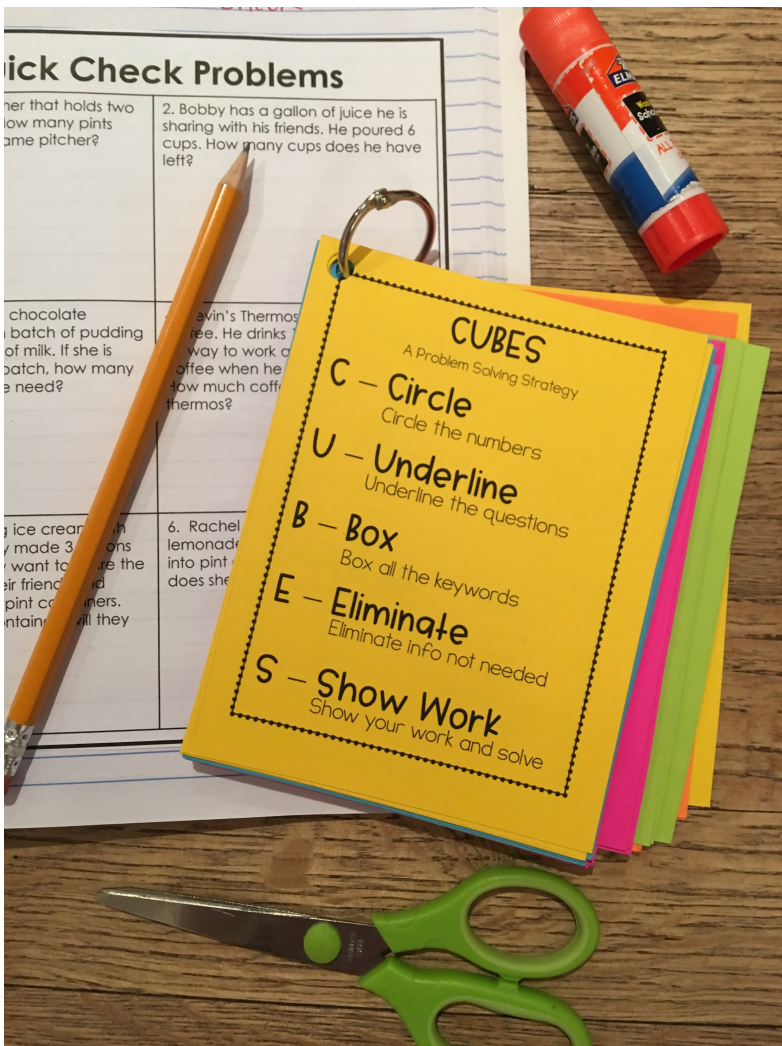
Tools at my students hands! These little anchor charts are great for students to keep in their desk to reference and use as a tool when they are working on difficult concepts. Great resource!

–Bethanie J.



INCLUDES 68 MINI MATH REFERENCE SHEETS

Poster Titles Include:



- Math Thinking Stems
- Math Keywords
- UPS-Check (problem solving)
- CUBES (problem solving)
- Hundreds Chart
- Hundred Twenty Chart
- Decimal Hundreds Chart
- Multiplication Chart
- Place Value Chart
- Place Value Decimal Chart
- Modeling Numbers
- Ways to Show a Number
- Word Form (1-10)
- Word Form (11-20)
- Word Form (multiples of 10)
- Even and Odd Numbers
- Rounding
- Greater Than/Less Than
- Order of Operations
- Decimal Model
- Decimals on a Number Line
- Fractions on a Number Line
- 3D Shapes
- 2D Shapes
- Fraction Bars
- Fractions, Decimals and Percentages
- Compatible Numbers
- Skip Counting by Multiples
- Zero Facts
- Draw to Subtract
- Subtraction Poem
- Chunking
- Fact Families (addition and subtraction)
- Fact Families (multiplication and division)
- Making 10
- Part-Part-Whole
- Adding 10
- Adding Multiples of 10
- Strategies to Help Me Add
- Strategies to Help Me Subtract
- Adding on an Open Number Line
- Subtracting on a n Open Number Line
- Joining Problems
- Separating Problems
- Comparing Problems
- Types of Angles
- Types of Lines

A LOOK INSIDE...

Take a look at some of the mini charts included in this set.

Math Thinking Stems

- I chose this strategy because...
- I think I have the right answer because...
- The hardest part was...
- My thinking behind this is...
- I used _____ to help me solve the problem.
- I realized I made a mistake when...
- Another way to solve this problem is...
- I noticed...
- I think...
- This problem reminds me of...
- Because I understand _____, I can solve this problem.
- This is getting easier for me because...

Math Keywords

Addition add addition all together in all plus sum total	Subtraction difference subtract take away fewer less than remains how much more/less
Multiplication twice as much product in all times total multiplied by	Division divide split share equal groups evenly split equal pieces

Place Value Chart

8	7	4	9	2	3	6	1	5	7
Billions	Hundred Millions	Ten Millions	Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones

Eight billion, seven hundred forty-nine million, two hundred thirty-six thousand, one hundred fifty-seven.

Place Value Decimal Chart

2	3	6	1	5	7
Hundreds	Tens	Ones	Tenths	Hundredths	Thousandths

Two hundred thirty six and one hundred fifty seven thousandths

UPS-✓

A Problem Solving Strategy

U – Understand

Read the problem and figure out what the problem is asking you to figure out.

P – Plan

Draw a picture and pick the strategy you will use to solve the problem.

S – Solve

Solve the problem. Make sure you show all your work and correctly label your answer.

✓ – Check

Double check your work by using the inverse operation or using a different strategy.

CUBES

A Problem Solving Strategy

C – Circle

Circle the numbers

U – Underline

Underline the questions

B – Box

Box all the keywords

E – Eliminate

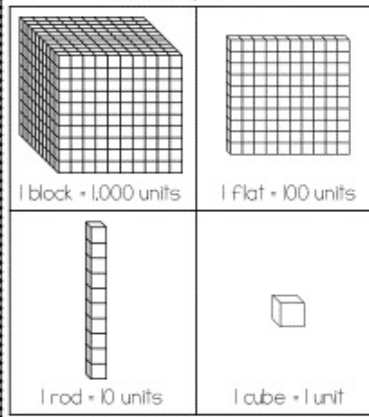
Eliminate info not needed

S – Show Work

Show your work and solve

Modeling Numbers

You can use base 10 blocks to help you model small or large numbers.



Ways to Show a Number

Standard Form	Expanded Form
18,367	$10,000 + 8,000 + 300 + 60 + 7$
Word Form	Expanded Notation
Eighteen thousand, three hundred, sixty-seven.	$(1 \times 10,000) + (8 \times 1,000) + (3 \times 100) + (6 \times 10) + (7 \times 1)$

A LOOK INSIDE...

Take a look at some of the mini charts included in this set.

Rounding

Keep the Same

Round Up

5 or more give one more

4 or less, let it rest

Greater Than/Less Than

The alligator will always eat the bigger number.

25 > 18
25 is greater than 18.

25 < 46
25 is less than 46.

25 = 25
25 is equal to 25.

Making 10

$10 = 0 + 10$ or $0 + 10 = 10$

$9 + 1 = 10$ or $1 + 9 = 10$

$8 + 2 = 10$ or $2 + 8 = 10$

$7 + 3 = 10$ or $3 + 7 = 10$

$6 + 4 = 10$ or $4 + 6 = 10$

$5 + 5 = 10$

Part - Part - Whole

Part + Part = Whole

part + part = whole

$3 + 5 = 8$

$5 + 3 = 8$

Decimal Model

One Whole 	1 10 \$1.00 one
One Tenth 	.1 0.1 \$0.10 one tenth
One Hundredth 	.01 0.01 \$0.01 one hundredth

Order of Operations

Please	()	Parentheses
Excuse	3^2	Exponents
My	X	Multiply
Dear	+	Divide
Aunt	+	Add
Sally	-	Subtract

Adding 10

When you add ten to a single digit (0-9) you just put a one in front of that digit.

$10 + 3 = 13$

tens	ones	tens	ones	tens	ones
1	0	1	0	1	0
+	4	+	7	+	9
1	4	1	7	1	9

Step 1: Add the digits in the ones place.
Step 2: Add the digits in the tens place.

Adding Multiples 10

A multiple of 10 is any number you say when you are counting by 10s.

10, 20, 30, 40, 50, 60, 70, 80, 90
These numbers are all multiples of 10.

When you add a multiple of 10, you are only changing the digit in the tens place.

tens	ones	23	24	25	+10
3	0	33	34	35	
+2	4	43	44	45	
5	4	53	54	55	

Step 1: Add the digits in the ones place.
Step 2: Add the digits in the tens place.

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