Solve It Strips

PLACE VALUE TO THE MILLIONS

Expanded Form

START: 600,000 + 2,000 + 400 + 4 + 40,000

642,404	200,000 + 300 + 9,000 + 70 + 2
209,372	50,000 + 800 + 90 + 9 + 500,000
550,899	400 + 600,000 + 40,000 + 2,000 + 10 + 4
642,414	200,000 + 900 + 3,000 + 70 + 2
203,972	70,000 + 7,000 + 400,000 + 900 + 60 + 8

| 553,989 | **FINISH!** |

| 477,968 | 500,000 + 5,000 + 800 + 40 + 5 |

| 505,845 | 700,000 + 2 + 20,000 + 2,000 + 20 + 700 |

| 722,722 | 500,000 + 50,000 + 3,000 + 900 + 80 + 9 |

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15 Different Puzzle Strips Included!

Expanded Form

Directions: Cut out the math strips below. Put them in order from start to finish based on their answers. Color each solution box as you double-check your work and then glue them down.

START:	600,000 + 2,0... 400 + 4 + 40...
203,972	70,000 + 7,0... 400,000 + 900
550,899	400 + 600,000 2,000 + 1...
505,845	700,000 + 2 + 2,000 + 20...
642,404	200,000 + 9,000 + ...

Word Names

Directions: Cut out the math strips below. Match the word names to the number on the next strip. Put them in order from start to finish based on their answers. Color each solution box as you double-check your work and then glue the strips down.

START:	Four hundred sixty-four thousand, two hundred nine
67,914	Forty-six thousand, nine hundred twenty
75,465	eight hundred forty-six thousand, two hundred twenty-nine

Find the Largest Number

Directions: Cut out the m... Compare the numbers to... largest number in the set... matching number on the... the strips in order from... based on their answers. C... box as you double-check y... then glue the strips down...

START:	345,205...	34...
262,520	57,781	57...
345,502	50,797	57,7...
226,560	159,668	162,56...
773,154	59,769	559,66...
573,178	345,505 257,805...	

Solve & Compare

Directions: Compare the one t... the next... strips in on their an... as you doub... then glue th...

START:	
490,950	
302,224	500... 500,0...
69,200	700,0... 7,000...
310,609	2,000 + ... 200 + 8,00...
533,050	60,000 + 6... 600 + 70 + ...
524,200	400,000 + ...

Multiply & Divide Whole Numbers

START:	4...
36,000	
50	
658	
150,00	
5,6	

Directions: Cut out the math strips below. Put them in order from start to finish based on their a... each solution box as you... your work and then glu... down.

Terrific Twos

Directions: Cut out the math strips... Compare the two numbers on each... the GREATER number and find the di... TWO in that circled number. Identify... value and match it to the the word n... its place value on the next strip. Repe... until you reach the FINISH strip. Color... solution box as you double-check your... and then glue the strips down.

Example:

START: (872,544) or 65...

2,000

START:	299,724 2,004,65...
hundreds	344,662 344,626
tens	625,547 652,579
hundred thousands	552,533 553,253
thousands	5,986 2...

What's the Value?

Directions: Cut out the math strips below. Find the value of the digit listed and match it to the next strip. Put the strips in order from start to finish based on their answers. Color each solution box as you double-check your work and then glue the strips down.

START:	The value of the digit 4 = 8,446,832
500	The value of the digit 7 = 7,028,135
700,000	The value of the digit 7 = 2,5...
400	4,...
50,000	3...
40,000	The valu...
4,000	The v...
70,000	
7,000,000	The v...

Find the Sum

Directions: Cut out the math strips below. Put them in order from start to finish based on their answers. Color each solution box as you double-che... your work and then glue the strips... down.

START:	12,494 + 3,492
86,542	7,812 + 5,684
101,388	43,817 + 45,272
15,986	22,238 + 7,378
102,765	72,438 + 3,847
28,616	74,827 + 26,561
89,089	53,537 + 49,22...

Find the Difference

Directions: Cut out the math strips below. Put them in order from start to finish based on their answers. Color each solution box as you double-check your work and then glue the strips down.

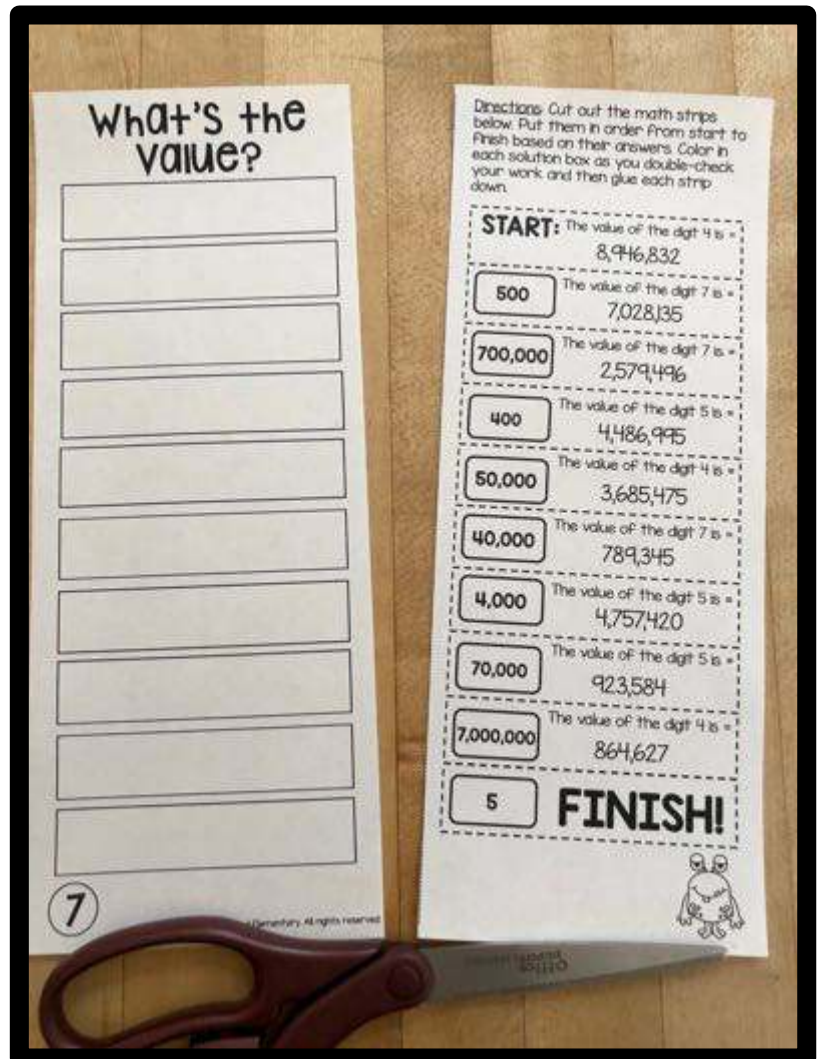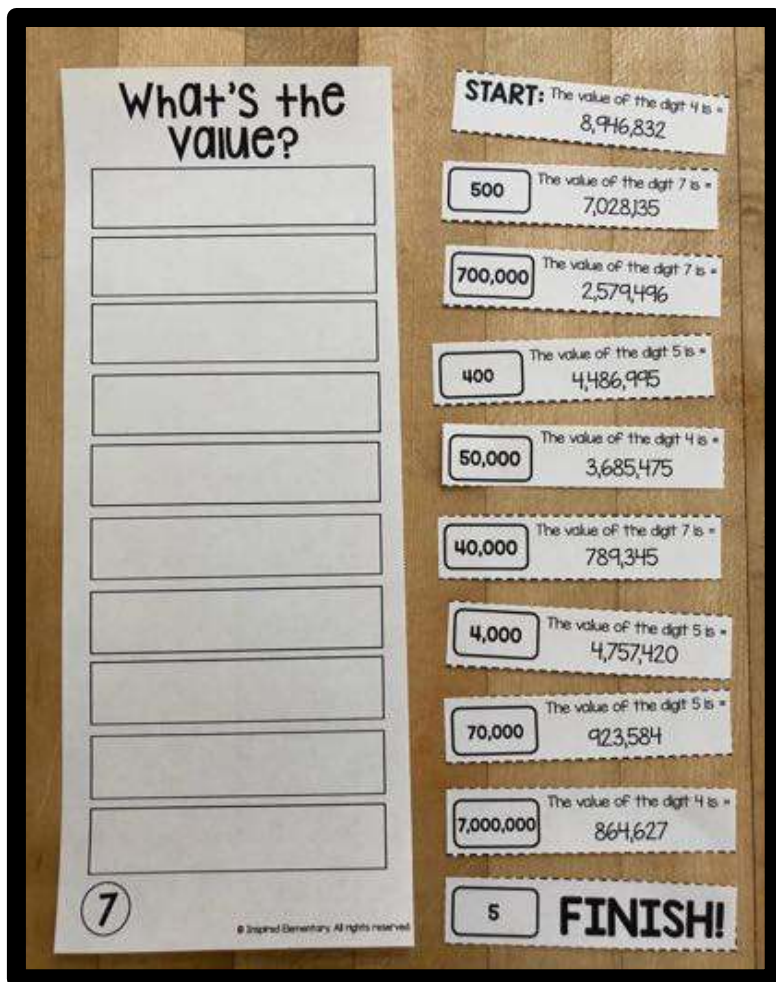|	
START:	9,495 - 2,370
7,275	47,812 - 5,684
59,259	88,423 - 32,256
20,886	72,253 - 5,026
3,687	46,730 - 33,668

Solve It Strips in Action!

*Give each student a cover page to decorate (two options included with each set).

*Photocopy each page of the Solve It Strip set that your class is working on (various sets available) and store each page in a separate file in a file crate. This makes it really easy for students to access.

*As a math extension center, early-finisher activity, or working in a small group with a parent volunteer, students complete the Solve It Strips (answer key included for easy checking).
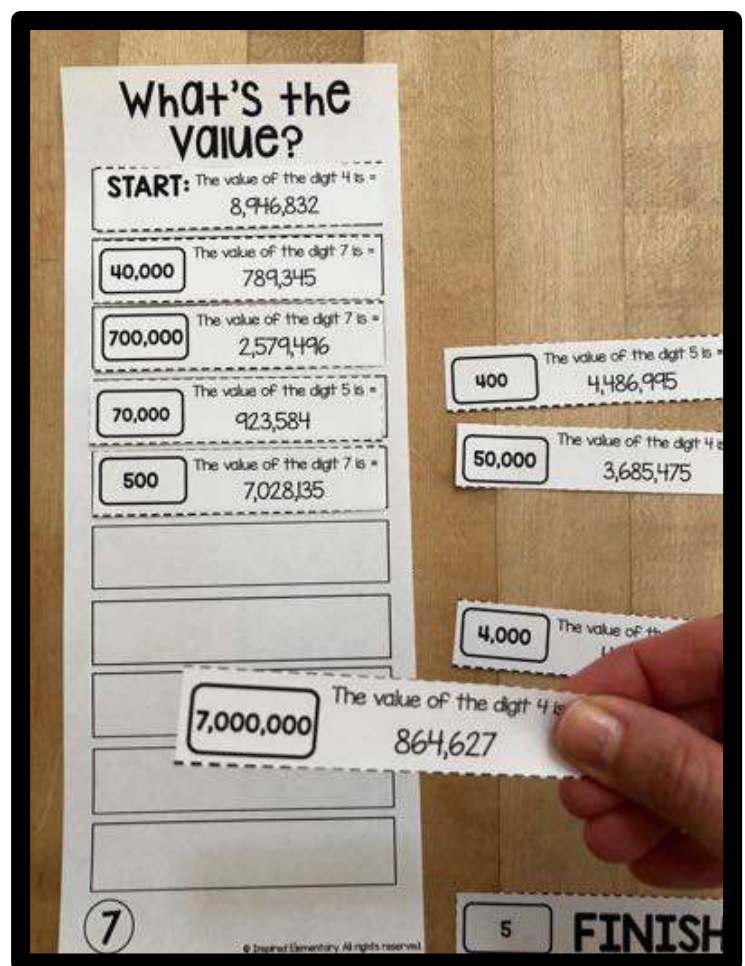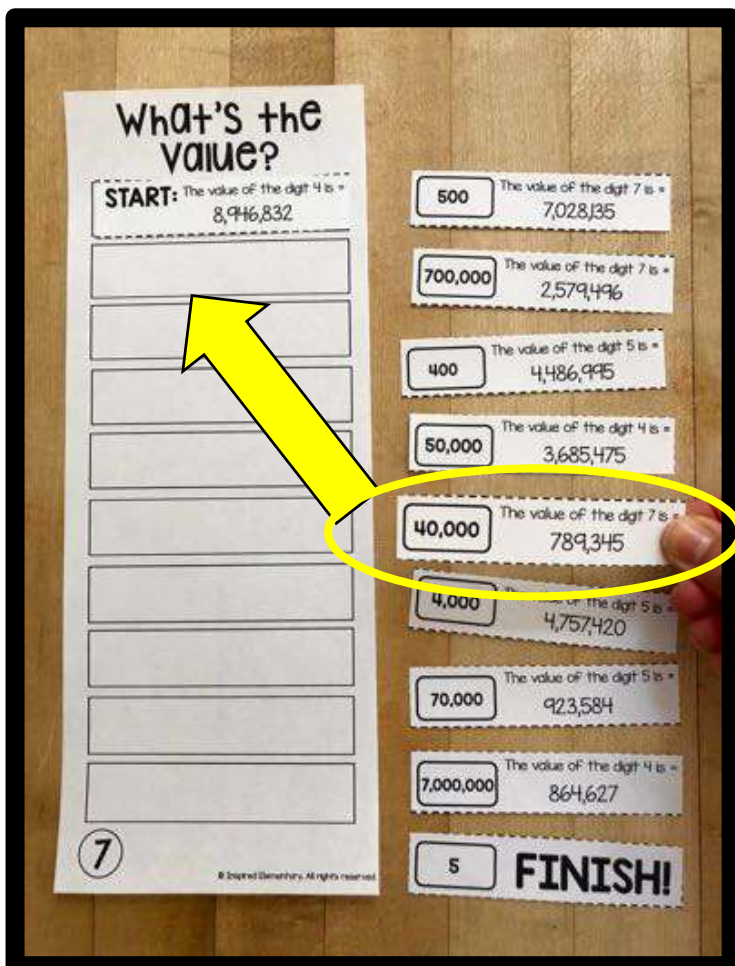
*Students cut the page apart on the dotted lines.

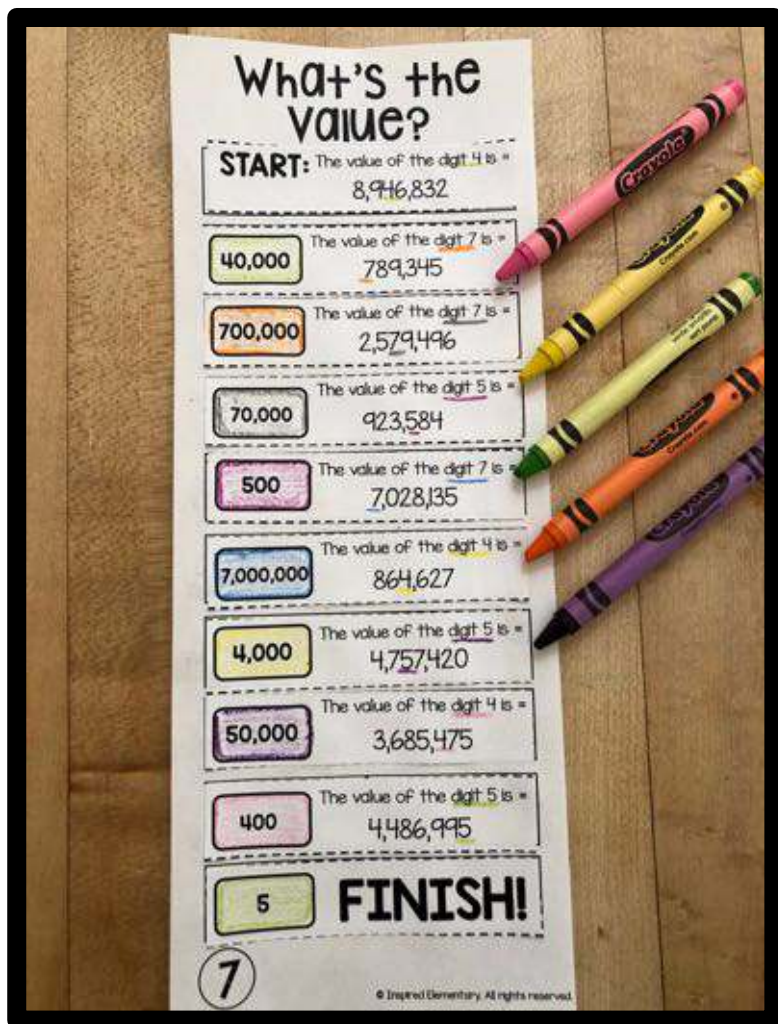*Then, they place (NOT GLUE YET) the "START" and "FINISH" pieces at the beginning and end.

*Next, students read the math problem on the "START" piece and find the strip that has the answer. The next math problem follows on that strip. Students solve all strips until they reach the FINISH!

*Students will know if they did it incorrectly because the second to last strip will not give the correct solution for the "FINISH" piece.
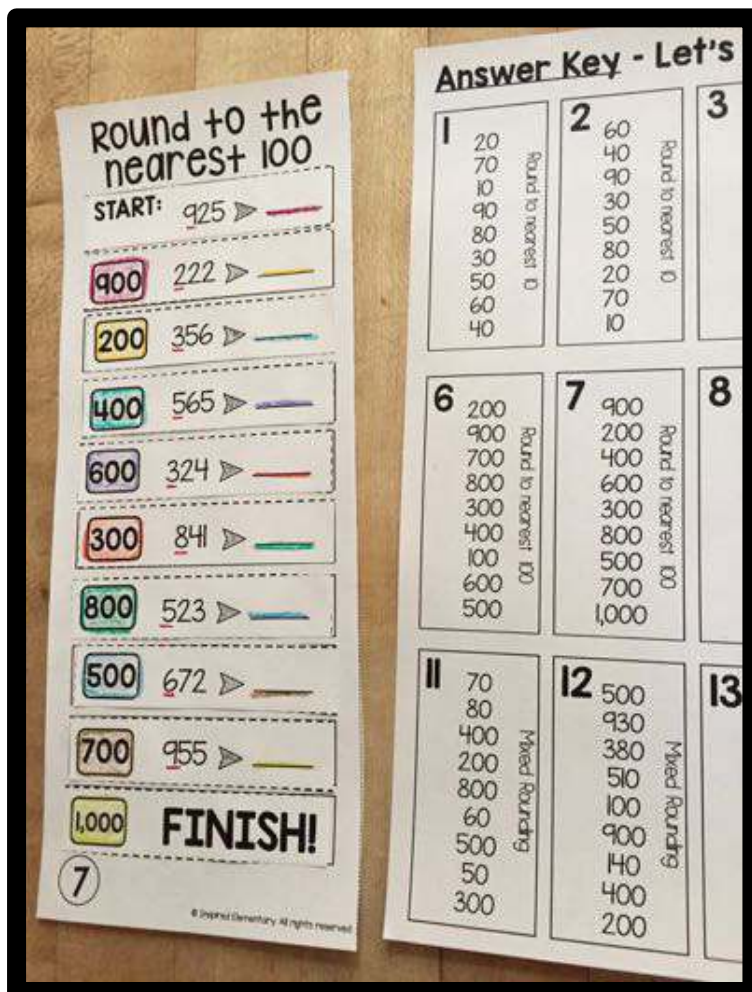
Here's one done correctly!

*Students go through and double-check their answers, coloring each solution box as they go.

What's the Value?

START: The value of the digit 4 is = 8,946,832

40,000	The value of the digit 7 is = 789,345
700,000	The value of the digit 7 is = 2,579,496
70,000	The value of the digit 5 is = 923,584
500	The value of the digit 7 is = 7,028,135
7,000,000	The value of the digit 4 is = 864,627
4,000	The value of the digit 5 is = 4,757,420
50,000	The value of the digit 4 is = 3,685,475
400	The value of the digit 5 is = 4,486,995
5	**FINISH!**

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What's the Value?

START: The value of the digit 4 is = 8,946,832

40,000	The value of the digit 7 is = 789,345
700,000	The value of the digit 7 is = 2,579,496
70,000	The value of the digit 5 is = 923,584
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5	**FINISH!**

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*Once students double-check that they have correctly placed all the strips on the page, they can glue them down.

*Students get to be PROUD and keep track of their progress with the "Stars for Strips" page! Students get to color in each star for every Solve It Strip they correctly complete.
("Let's Round" Solve It Strips shown here)

Stars for Strips
☆ Let's Round! ☆
Color in the star for each strip you have correctly completed

#1 #2 #3
#4 #5 #6
#7 #8 #9
#10 #11 #12
#13 #14 #15

Round to the nearest 100
START: 925 ▷ ____
900 | 222 ▷ ____
200 | 356 ▷ ____
400 | 565 ▷ ____
600 | 324 ▷ ____
300 | 841 ▷ ____
800 | 523 ▷ ____
500 | 672 ▷ ____
700 | 955 ▷ ____
1,000 | **FINISH!**
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An Answer Key is included with each set for easy checking!

Answer Key - Let's

1	2	3
20 70 10 90 80 30 50 60 40	60 40 90 30 50 80 20 70 10	

6	7	8
200 900 700 800 300 400 100 600 500	900 200 400 600 300 800 500 700 1,000	

11	12	13
70 80 400 200 800 60 500 50 300	500 930 380 510 100 900 140 400 200	

* Last, but not least, students hole punch the completed Solve It Strip and add it to their Solve It Strip ring. Or, if you don't want to keep them in class, simply give it a star and send home!
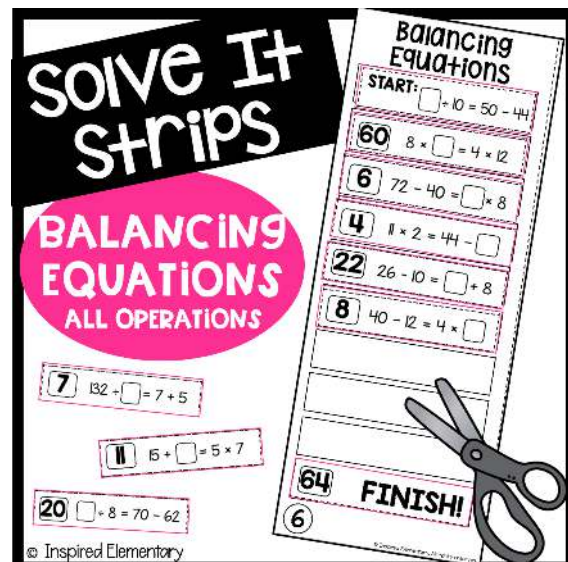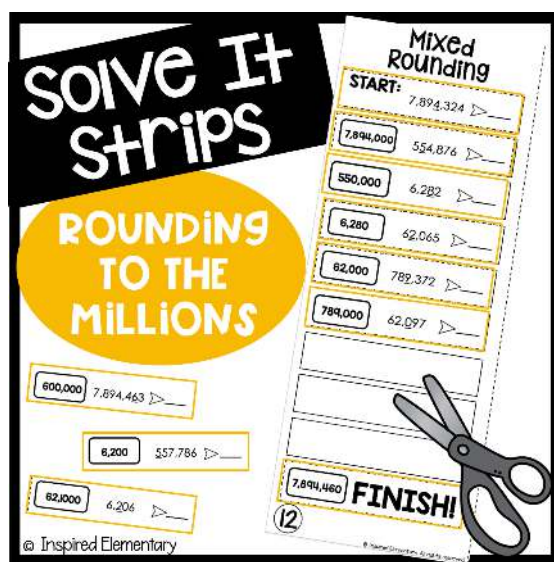
* I store Solve It Strips on the wall for easy student access. This way, we can work on multiple sets throughout the year.

MORE SETS!

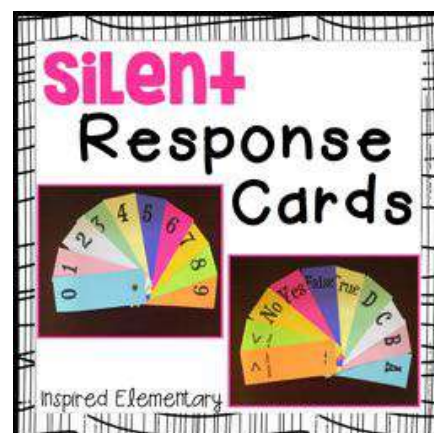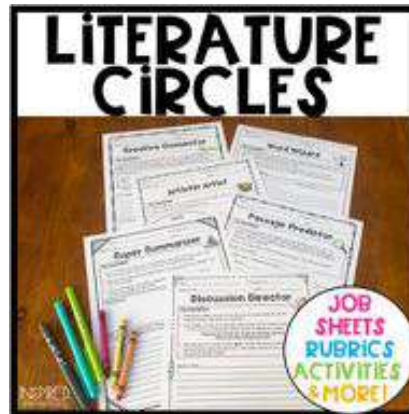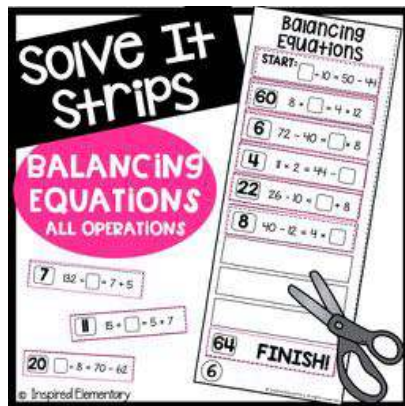## 4TH GRADE SETS CURRENTLY AVAILABLE:

BE SURE TO *follow my store*
AS MORE UPPER GRADE
SOLVE IT STRIPS
ARE COMING SOON!

YOU MIGHT ALSO LIKE
These Classroom Favorites...

Solve It Strips — Balancing Equations All Operations

Literature Circles — Job Sheets, Rubrics, Activities & More!

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Springtime Earths

Spelling Activities for all Word Lists!

Writer's Workshop Folder!

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Silent Response Cards

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