ADD & SUBTRACT MULTI-DIGIT NUMBERS

4th Grade

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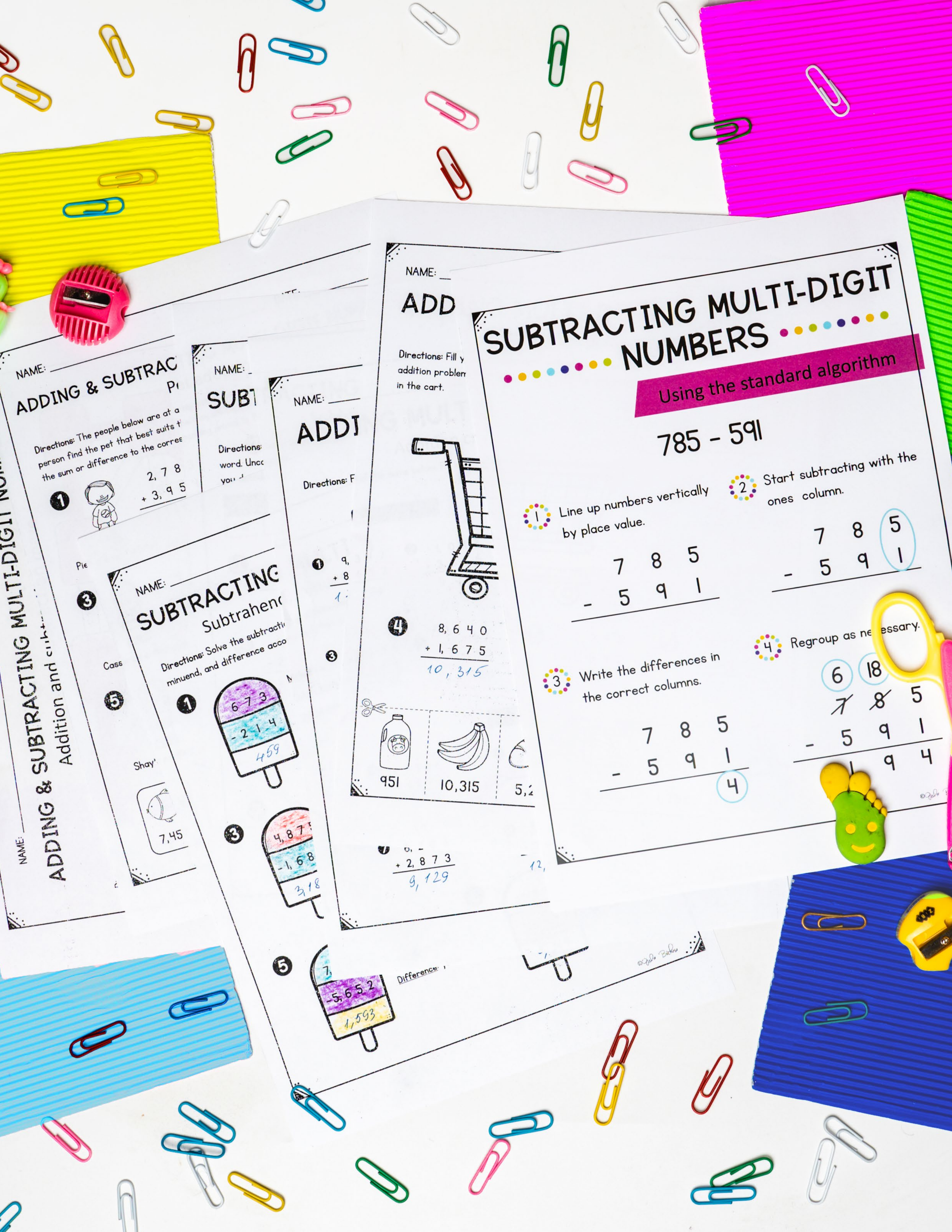
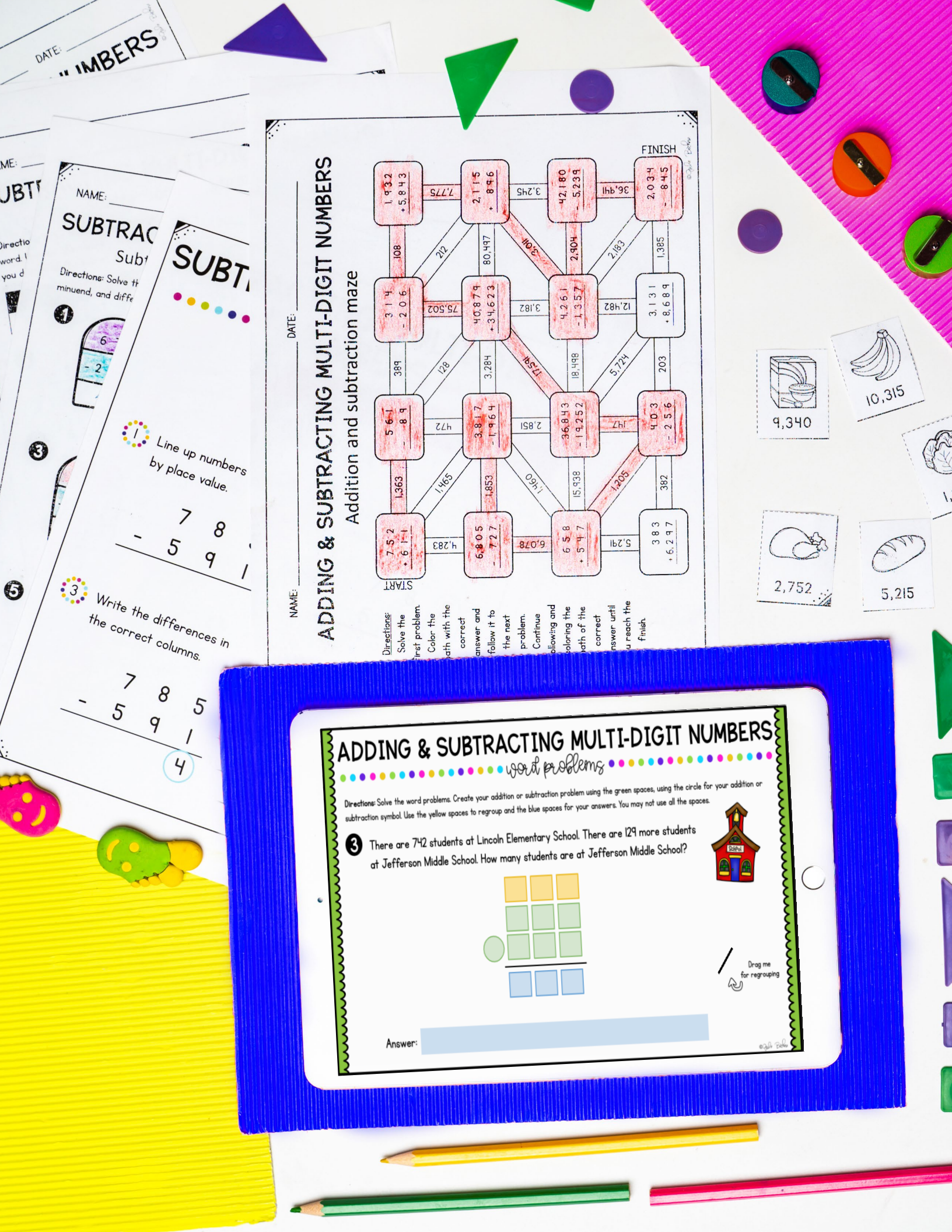

SUBTRACTING MULTI-DIGIT NUMBERS
Using the standard algorithm
785 - 591
1 Line up numbers vertically by place value.
7 8 5
- 5 9 1
2 Start subtracting with the ones column.
7 8 5
- 5 9 1
3 Write the differences in the correct columns.
7 8 5
- 5 9 1
4
4 Regroup as necessary.
6 18
7 8 5
- 5 9 1
1 9 4
NAME:
ADDING & SUBTRACTING MULTI-DIGIT NUMBERS
Addition and Subtraction
NAME:
ADDING & SUBTRAC
Directions: The people below are at a
person find the pet that best suits t
the sum or difference to the corres
2, 7 8
+ 3, 9 5
NAME:
SUBTRACTING
Subtrahend
Directions: Solve the subtraction
minuend, and difference acco
6 7 3
- 2 1 4
459
Difference:
NAME:
ADD
Directions: Fill y
addition problem
in the cart.
8, 6 4 0
+ 1, 6 7 5
10, 315
951
10,315
+ 2, 8 7 3
9, 129

ADDING & SUBTRACTING MULTI-DIGIT NUMBERS
Addition and subtraction maze
ADDING & SUBTRACTING MULTI-DIGIT
SUBTRACTING MULTI-DIGIT
Subtraction code-breakers
ADDING MULTI-DIGIT NUMBERS
SUBTRACTING MULTI-DIGIT NUMBERS
Using the stand
785 - 591
SUBTRACTING MULTI-DIGIT
Subtrahend, minuend,
ADDING MULTI-DIGIT NUMBERS
practice
Directions: Find the sums. Write your answers in the blue boxes. Use the yellow boxes for regrouping. You might not use all the yellow boxes.
386 + 702
648 + 671
724 + 295
297 + 453
530 + 88
3,545 + 7,932
5,215
951
10,315
9,340
1,286
2,752

ADDING MULTI-DIGIT NUMBERS
grocery shopping addition
Directions: Fill your shopping cart with groceries by finding the sums below. Write your answers in the blue boxes. Use the yellow boxes for regrouping. You might not use all the yellow boxes. For each addition problem, find the sum of one of the groceries. Drag that item into the shopping cart.
1 755 + 531
2 309 + 642
3 498 + 2,254
4 8,640 + 1,675
5 3,792 + 5,548
6 4,248 + 967
951
1,286
10,315
5,215
9,340
2,752
1,286
10,315
2,752
FINISH
SUBTRACTING MULTI-DIGIT NUMBERS
Subtraction code-breaker
DATE:
ADDING MULTI-DIGIT NUMBERS
NAME:
Directions: Find the
DATE:
ADDING MULTI-DIGIT NUMBERS
NAME:
Directions: Fill your
addition problem
in the cart.
DATE:
ADDING & SUBTRACTING MULTI-DIGIT NUMBERS
Pet adoption
NAME:
Directions: The people below are at a big pet adoption, looking for the perfect pet! Help each person find the pet that best suits them by solving their addition or subtraction problem. Match the sum or difference to the corresponding animal to find the perfect pet-owner pair.
2,783 + 3,954
6,737
Pietra's perfect pet: cat
4,032 − 1,684
2,348
mouse
Yiyi's perfect pet
9,347 + 8,652
17,999
7,201 + 6,955
Write the the correct

951
9,340
10,315
ADDING & SUBTRACTING MULTI-DIGIT NUMBERS
pet adoption
Directions: The people below are at a big pet adoption, looking for the perfect pet! Help each person find the pet that best suits them by solving their addition or subtraction problem. Match the sum or difference to the corresponding animal and drag the pet to their new owner!
1 2,783 + 3,954
Pietro
2 566 + 6,891
Yiyi
3 4,032 - 1,684
Cassie
4 57,215 - 9,736
Landon
5 10,749 + 62,483
Shay
6 82,211 - 47,561
Carlos
73,232
34,650
7,457
47,479
2,348
6,737
NUMBERS
Using the standard algorithm
785 - 591
Start subtracting with the ones column.
5,215
2,752


ADDING & SUBTRACTING MULTI-DIGIT NUMBERS
Addition and subtraction maze
NAME:
DATE:
Directions: Solve the first problem. Color the path with the correct answer and follow it to the next problem. Continue following and coloring the path of the correct answer until you reach the finish.
START
FINISH
SUBTRACTING
Directions: Solve the minuend, and diffe
Line up numbers by place value.
Write the differences in the correct columns.
9,340
10,315
2,752
5,215
ADDING & SUBTRACTING MULTI-DIGIT NUMBERS
word problems
Directions: Solve the word problems. Create your addition or subtraction problem using the green spaces, using the circle for your addition or subtraction symbol. Use the yellow spaces to regroup and the blue spaces for your answers. You may not use all the spaces.
There are 742 students at Lincoln Elementary School. There are 129 more students at Jefferson Middle School. How many students are at Jefferson Middle School?
School
Drag me for regrouping
Answer:

& SUBTRACTING MULTI-DIGIT NUMBERS
DATE:
Pet adoption
Yiyi's perfect pet: fish
Landon's perfect pet: dog
Carlos' perfect
6,737
2,348
ADDING & SUBTRACTING MULTI-DIGIT NUMBERS
addition/subtraction maze
Directions: Solve the first problem. Use the blue boxes for your answers and the yellow boxes for regrouping. Use the line tool to draw slashes when regrouping with subtraction. Color the path with the correct answer by clicking on the path and using the paint bucket icon. Continue following and coloring the path of the correct answer until you reach the finish.
START
FINISH
752 + 611
561 - 89
314 - 206
1,932 + 5,843
6,805 - 727
3,817 - 1,964
40,879 + 34,623
2,115 + 896
658 + 547
36,843 - 19,252
4,261 - 1,357
42,180 - 5,239
383 + 6,297
403 - 256
3,131 + 8,689
2,034 - 845
SUBTRACTING
Subtrahend
Minuend: pink
Subtrahend: blue
2,752
Line up numbers vertically by place value.
785 - 5

ADD & SUBTRACT MULTI-DIGIT NUMBERS

USING THE STANDARD ALGORITHM

4th grade

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7. Test (4 pages)

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ADDING MULTI-DIGIT NUMBERS

practice

Directions: Find the sums.

1
```
  581
+ 920
-----
```

2
```
  347
+ 863
-----
```

3
```
  481
+ 176
-----
```

4
```
  606
+ 325
-----
```

5
```
   99
+ 454
-----
```

6
```
 2,739
+5,805
------
```

7
```
  952
+7,346
------
```

8
```
 8,091
+   74
------
```

9
```
 6,383
+  467
------
```

10
```
   68
+4,533
------
```

11
```
 7,309
+3,825
------
```

12
```
 2,684
+8,059
------
```

13
```
  5,476
+49,370
-------
```

14
```
 83,761
+38,274
-------
```

15
```
 62,294
+71,055
-------
```

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NAME: ______________________________ DATE: ______________

ADDING MULTI-DIGIT NUMBERS

missing addends

Directions: In each addition problem below, one of the addends is missing. Estimate what you think the missing addend might be. Then, find an addend close to your guess on the blocks at the bottom. Does your addend correctly complete the addition problem? Solve the problem to check.

1

	6 5 7
+	____
	8 3 8

MY ESTIMATE | MISSING ADDEND | SOLVE AND CHECK:

2

	4, 7 2 1
+	____
	5, 2 9 4

MY ESTIMATE | MISSING ADDEND | SOLVE AND CHECK:

3

	____
+	3, 6 2 0
	6, 4 6 5

MY ESTIMATE | MISSING ADDEND | SOLVE AND CHECK:

4

	8 6
+	____
	9, 1 0 0

MY ESTIMATE | MISSING ADDEND | SOLVE AND CHECK:

5

	____
+	7, 9 1 8
	1 3, 4 5 3

MY ESTIMATE | MISSING ADDEND | SOLVE AND CHECK:

181	2,845	573	9,014	5,535

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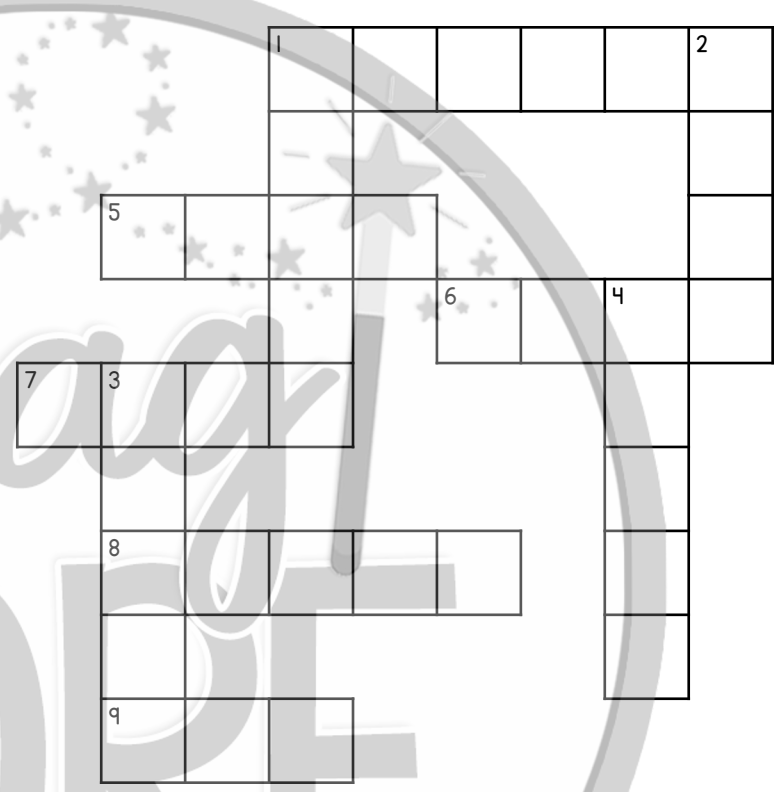
ADDING MULTI-DIGIT NUMBERS

addition crossword puzzle

Directions: Find the sums below. Fill in the crossword puzzle with your answers.



DOWN

1. 9,347 + 8,652
2. 1,097 + 3,376
3. 7,201 + 6,955
4. 13,187 + 4,533

ACROSS

1. 67,836 + 44,398
5. 652 + 439
6. 2,824 + 4,489
7. 6,256 + 2,873
8. 5,012 + 7,798
9. 198 + 465

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NAME: _____ DATE: _____

SUBTRACTING MULTI-DIGIT NUMBERS

practice

Directions: Find the differences.

1. 836 − 385
2. 299 − 73
3. 330 − 246
4. 977 − 29
5. 552 − 178
6. 6,194 − 2,086
7. 5,822 − 659
8. 2,753 − 1,935
9. 4,970 − 64
10. 3,986 − 731
11. 9,654 − 5,827
12. 8,833 − 6,749
13. 32,612 − 26,846
14. 95,650 − 4,377
15. 72,839 − 56,760

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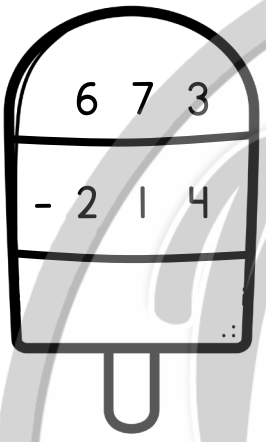
NAME: _____ DATE: _____

SUBTRACTING MULTI-DIGIT NUMBERS

subtrahend, minuend, and difference

Directions: Solve the subtraction problems below. For each popsicle, color the subtrahend, minuend, and difference according to the colors listed.

1

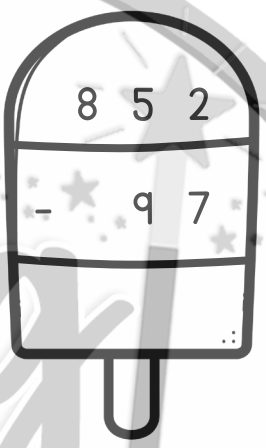


Minuend: pink

Subtrahend: blue

Difference: green

2

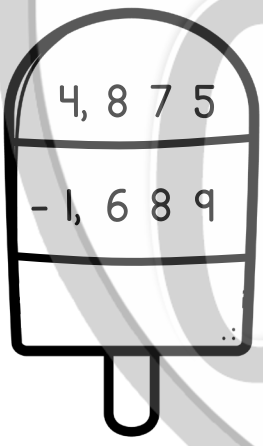


Minuend: yellow

Subtrahend: red

Difference: orange

3

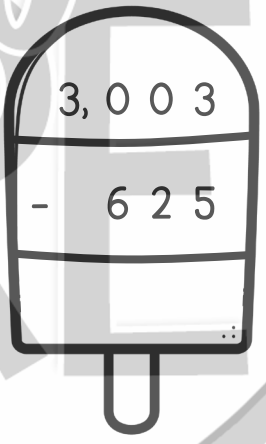


Minuend: red

Subtrahend: blue

Difference: white

4

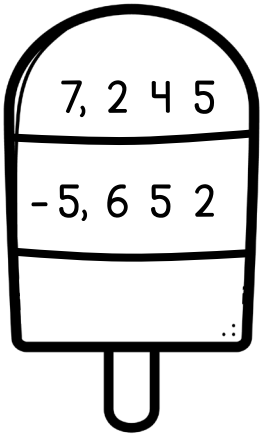


Minuend: green

Subtrahend: orange

Difference: pink

5

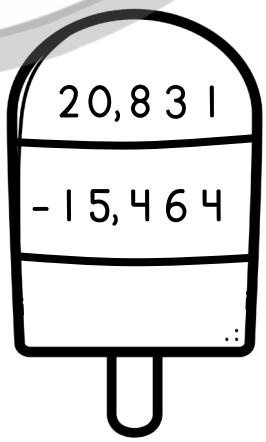


Minuend: blue

Subtrahend: pink

Difference: yellow

6



Minuend: white

Subtrahend: orange

Difference: green

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SUBTRACTING MULTI-DIGIT NUMBERS

subtraction code-breakers

Directions: Solve the subtraction problems below. Each difference represents a secret code word. Uncover the code by finding the letter that corresponds to each digit in the key. Can you decode all the secret words?

0	1	2	3	4	5	6	7	8	9
U	C	T	L	I	O	P	A	E	N

1

```
  481
- 309
-----
```

CODE WORD

2

```
  955
- 266
-----
```

CODE WORD

3

```
  6,257
- 2,798
-------
```

CODE WORD

4

```
  12,769
-  3,241
--------
```

CODE WORD

5

```
  7,101
- 6,499
-------
```

CODE WORD

6

```
  5,924
- 3,051
-------
```

CODE WORD

7

```
  70,358
-  4,866
--------
```

CODE WORD

8

```
  44,762
- 24,416
--------
```

CODE WORD

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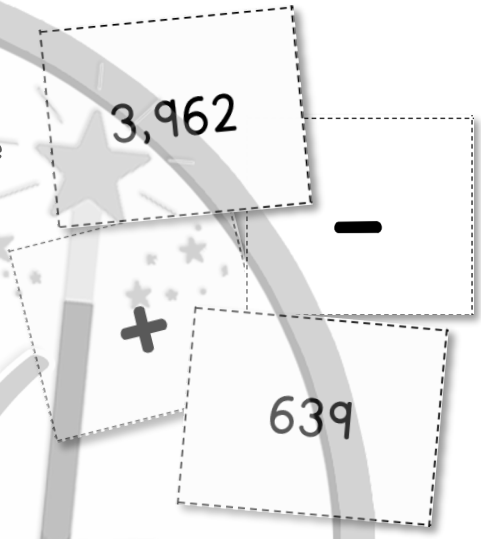
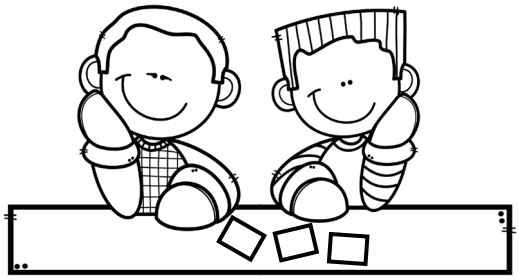
ADDING & SUBTRACTING MULTI-DIGIT NUMBERS

addition and subtraction challenge

Directions:

1. Work in partners.
2. Cut out the cards on the following pages, keeping the number cards separate from the operation cards.
3. Shuffle the number cards and deal an equal amount to each player. Players leave their cards face down in a pile. Shuffle the operation cards and leave in one pile face down in the center.
4. For each turn, one operation card in the center is revealed. Players also turn over two of their number cards.
5. On your answer sheets, each player creates an addition or subtraction problem, according to the operation card for that turn, using your two numbers. Remember, if you are making a subtraction problem, your larger number needs to be the minuend.
6. Players solve their problems. The player with the larger answer wins one point.
7. Discard number and operation cards and repeat. The player with the most points at the end wins.





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ADDING & SUBTRACTING MULTI-DIGIT NUMBERS

word problems

Directions: Solve the word problems.

1 Joseph is a pilot. On Monday, he flew 2,267 miles from New York to Los Angeles. On Tuesday, he flew 2,735 miles from Los Angeles to Miami. How many miles did he fly in total?

2 A 55" TV costs $985. A 60" TV costs $1,392. How much more does a 60" TV cost than a 55" TV?

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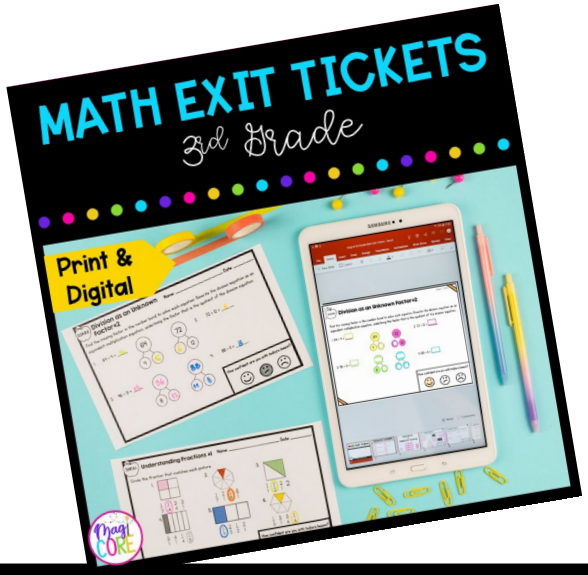

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