

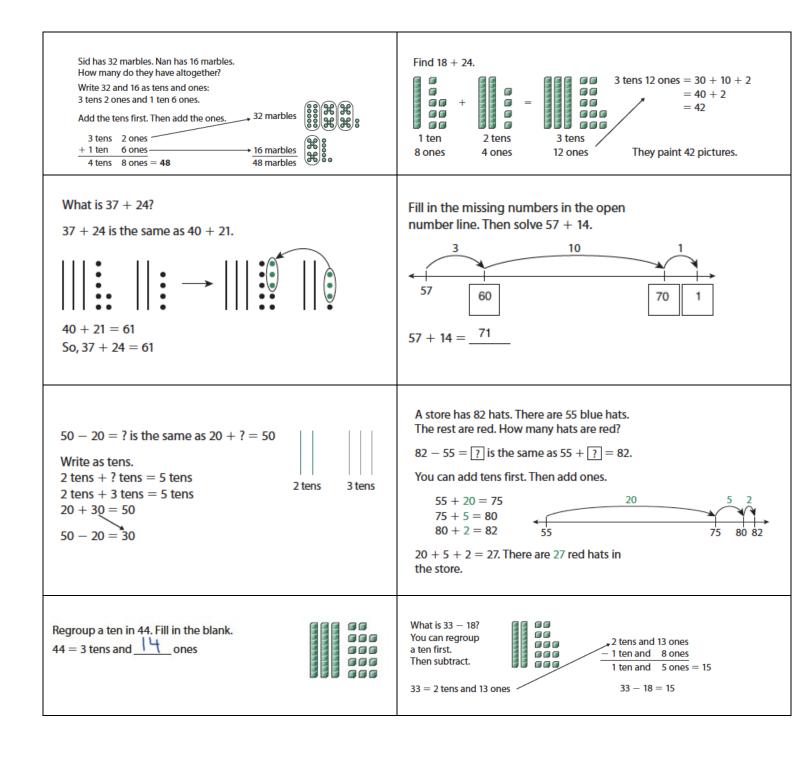
# Second Grade Math

This packet includes four sections that cover the major content of 2<sup>nd</sup> grade math. Each section includes multiple pages of notes and practice for each topic. For additional support, visit KCS TV on YouTube for instructional videos that accompany each section.

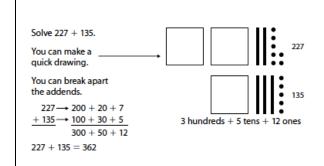
The following content is included in this packet:

Topic			
I. Geometry	II. Represent Addition and Subtraction Problems	III. Use Place Value to Add and Subtract	IV. Addition and Subtraction with Length
Identify shapes and attributes	Add using words, pictures, equations, or objects	Add and subtract with two-digit numbers	Compare lengths
Tiling Rectangles	Subtract using words, pictures, equations, or objects	Add and subtract with three-digit numbers	Word problems with lengths
Halves, Thirds, and Fourths			Match word problems with equations

#### Activity Set 3: Use Place Value to Add and Subtract.



# Activity Set 3: Use Place Value to Add and Subtract.



Solve 346 + 487.

You can add hundreds, then tens, then ones.

$$\begin{array}{r}
346 \\
\underline{+ 487} \\
700 \longrightarrow 300 + 400 \\
120 \longrightarrow 40 + 80 \\
13 \longrightarrow 6 + 7 \\
700 + 120 + 13 = 833
\end{array}$$

You can add ones, then tens, then hundreds.

$$\begin{array}{r}
346 \\
+ 487 \\
\hline
13 \rightarrow 6 + 7 \\
120 \rightarrow 40 + 80 \\
700 \rightarrow 300 + 400 \\
13 + 120 + 700 = 833
\end{array}$$

Find 512 - 367.

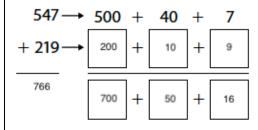
Compare the digits in each place.

Find 874 — 235. Look at the ones: 4 ones < 5 ones. Regroup a ten in 874 as 10 ones.

$$874 = 800 + 70 + 4$$
, or  $800 + 60 + 14$   
 $800 + 60 + 14$   
 $-200 + 30 + 5$   
 $600 + 30 + 9 = 639$ 

$$874 - 235 = 639$$

Fill in the boxes.



Fill in the blanks to find 524 - 335.

100s	10s	15
4	3	14
- 3	3	5
1	0	9

## Practice

15 + 37 = \_\_\_\_\_

15 = 10 +

37 = 30 +

40 + = =

22 - 13 = \_\_\_\_\_

22 - \_ = 12

12 - 3 =

17 + 27 = \_\_\_\_\_

, + **2**, – \_\_\_\_\_

31 - 16 = \_\_\_\_\_

31 - = 30

30 - = 20

20 - 🔲 = 🔲

47 + 34 = \_\_\_\_\_

\_\_\_\_

70 + = =

52 - 14 = \_\_\_\_\_

52 - = 42

42 - = 40

40 - 2 =

16 + 58 = \_\_\_\_\_

61 - 36 = \_\_\_\_\_

16 20 70 ?

7 30 6061

33 - 16 = \_\_\_\_\_

 $33 - \square = 30$  $30 - \square = 20$ 

20 - = =

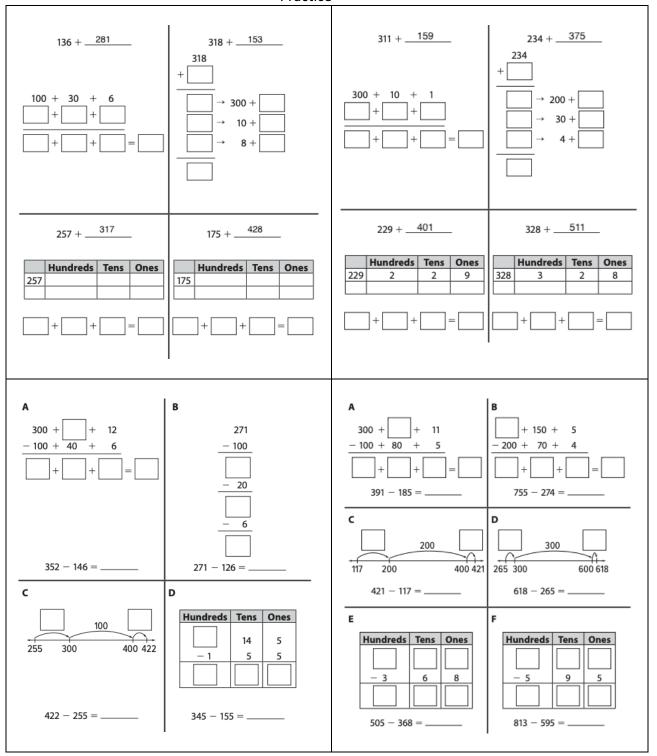
55 + 39 = \_\_\_\_\_

55 + = 60

60 + = 90

90 + = =

#### Practice



# Activity Set 3: Use Place Value to Add and Subtract.

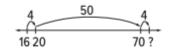
## **Answer Key**

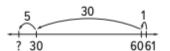
$$15 = 10 + \boxed{5}$$
  
 $37 = 30 + \boxed{7}$ 

$$12 - 3 = 9$$

16

$$40 - 2 = 38$$

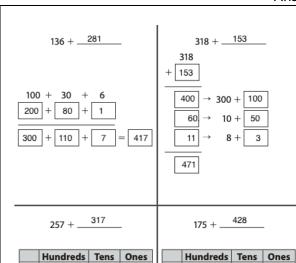




$$20 - \boxed{3} = \boxed{17}$$

$$60 + \boxed{30} = 90$$

#### **Answer Key**



300 + 10 + 1 100 + 50 + 9 400 + 60 + 10 = 470	→ 200 + □ → 30 + □ → 4 + □

	Hundreds	Tens	Ones	ı
257	200	50	7	ı
317	300	10	7	ı

175	100	70	5
428	400	20	8
	] . [		= 603

	Hundreds	Tens	Ones
229	2	2	9
401	4	0	1

229 + 401

311 + \_\_\_\_159\_\_\_\_

328 + \_\_\_\_511\_

234 + \_\_\_375

234

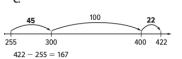
A: 
$$300 + 40 + 12$$

$$-100 + 40 + 6$$

$$200 + 0 + 6 = 206$$

$$352 - 146 = 206$$

**B:** 271 171 <u>- 20</u> 151 <u>- 6</u> 271 - 126 = 145



D:

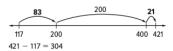
<b>D.</b>				
Hundreds	Tens	Ones		
2	14	5		
- 1	5	5		
1	9	0		

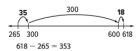
345 - 155 = 190

A: 
$$300 + 80 + 11$$
  
 $\frac{-100 + 80 + 5}{200 + 0 + 6} = 206$   
 $391 - 185 = 206$ 

**B:** 
$$600 + 150 + 5$$

$$\frac{-200 + 70 + 4}{400 + 80 + 1} = 481$$
 $755 - 274 = 481$ 





Hundreds	Tens	Ones
4	9	15
- 3	6	8
1	3	7
505 - 368 = 137		

Hundreds	Tens	Ones
7	10	13
- 5	9	5
2	1	8

$$813 - 595 = 218$$