

# PLACE VALUE

# WITHIN 1000

Place Value			
Standard Form	Place Value Drawing	Expanded Form	Word Form
487		$400+80+7$	Four hundred eighty-seven
215		$200+10+5$	Two hundred fifteen
163		$100+60+3$	One hundred sixty-three
Standard Form	Place Value Drawing	Expanded Form	Word Form
396		$300+90+6$	Three hundred ninety-six
975		$900+70+5$	Nine hundred seventy-five
		$500+20$	Five hundred two

	Eight hundred fifty-six	856	$800+50+6$	
	Five hundred sixty-eight	568	$500+60+8$	
	Eight hundred sixty-five	865	$800+60+5$	

8 tens  
9 ones  
2 hundreds

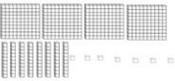
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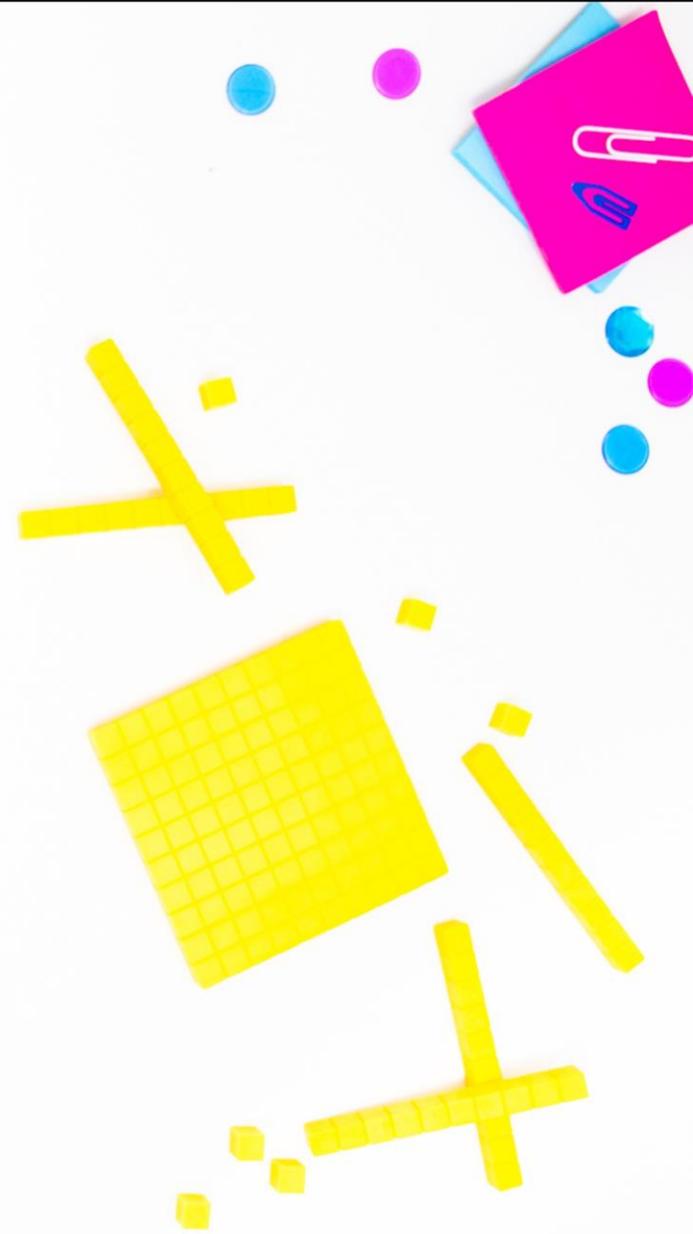
What is the value?

PLACE VALUE CHART				
Standard Form	Expanded Form	Word Form	Place Value	
346	$300+40+6$	Three hundred forty-six		
710	$700+10+0$	Seven hundred ten		
296	$200+90+6$	Two hundred ninety-six		
595	$500+90+5$	Five hundred ninety-five		
182	$100+80+2$	One hundred eighty-two		
670	$600+70+0$	Six hundred seventy		

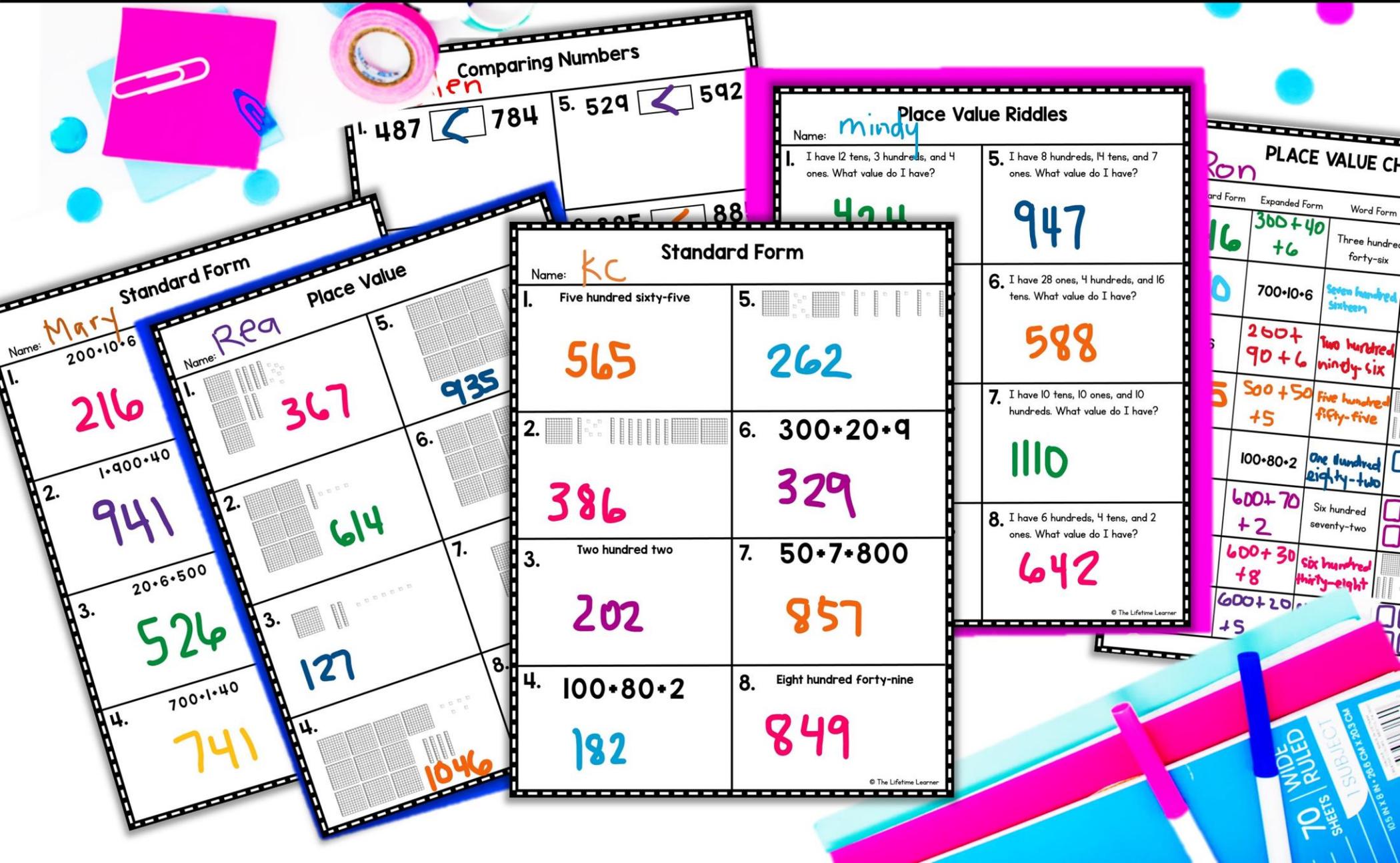
- ✓ GAMES
- ✓ ACTIVITIES
- ✓ WORKSHEETS

# MINI LESSON

Place Value			
Standard Form	Place Value Drawing	Expanded Form	Word Form
487		$400+80+7$	Four hundred eighty-seven
215		$200+10+5$	Two Hundred fifteen
163		$100+60+3$	One Hundred sixty-three
Standard Form	Place Value Drawing	Expanded Form	Word Form
396		$300+90+6$	Three Hundred ninety-six
975		$900+70+5$	Nine Hundred seventy-five
502		$500+2$	Five Hundred two



# 10 WORKSHEETS



**Comparing Numbers**  
 Name: *Ken*  
 1. 487 < 784  
 5. 529 < 592

**Standard Form**  
 Name: *Mary*  
 1.  $200 \cdot 10 \cdot 6$   
 216  
 2.  $1 \cdot 900 \cdot 40$   
 941  
 3.  $20 \cdot 6 \cdot 500$   
 526  
 4.  $700 \cdot 1 \cdot 40$   
 741

**Place Value**  
 Name: *Rea*  
 1. 367  
 2. 614  
 3. 127  
 4. 1046  
 5. 935  
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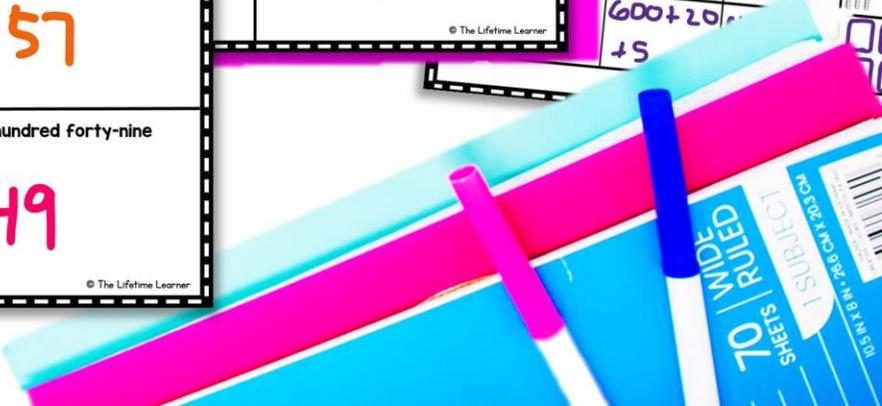
**Place Value Riddles**  
 Name: *Mindy*  
 1. I have 12 tens, 3 hundreds, and 4 ones. What value do I have?  
 424  
 5. I have 8 hundreds, 14 tens, and 7 ones. What value do I have?  
 947  
 6. I have 28 ones, 4 hundreds, and 16 tens. What value do I have?  
 588  
 7. I have 10 tens, 10 ones, and 10 hundreds. What value do I have?  
 1110  
 8. I have 6 hundreds, 4 tens, and 2 ones. What value do I have?  
 642

**PLACE VALUE CHART**  
 Name: *Ron*

Standard Form	Expanded Form	Word Form
16	$300 + 40 + 6$	Three hundred forty-six
700	$700 + 10 \cdot 6$	Seven hundred sixteen
260	$200 + 90 + 6$	Two hundred ninety-six
500	$500 + 50 + 5$	Five hundred fifty-five
100	$100 + 80 + 2$	One hundred eighty-two
600	$600 + 70 + 2$	Six hundred seventy-two
600	$600 + 30 + 8$	Six hundred thirty-eight
600	$600 + 20 + 5$	Six hundred twenty-five

**Standard Form**  
 Name: *KC*

1. Five hundred sixty-five 565	5. 262
2. 386	6. $300 + 20 + 9$ 329
3. Two hundred two 202	7. $50 + 7 + 800$ 857
4. $100 + 80 + 2$ 182	8. Eight hundred forty-nine 849



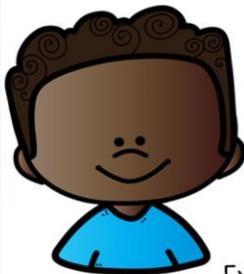
# ERROR ANALYSIS

Students decide if each kid solved the problem correctly or incorrectly. They explain their thinking at the bottom.

4 PAGES

Directions: Read the problem below and look at the work the student did. Decide if the work is correct or not.

**Write 521 in expanded form.**



Here is the student's work:

$$500 + 2 + 1$$

Explain if they are right or wrong. Put a check or X on their work.

This student did not write the number correctly. They should have written 2 as 2 tens instead of 2 ones. The correct way to write it is  $500 + 20 + 1$ .

# TENNIS SORT

Make piles of 4 that go together using your place value skills.

The cards are as follows:

- Top row, left: A tennis ball and a grid of 80 yellow squares. Number: **Eight hundred fifty-six**. Illustration: A tennis court.
- Top row, middle: The number **856**. Illustration: A gold trophy.
- Top row, right: The equation **800+50+6**. Illustration: A boy holding a tennis racket.
- Bottom row, left: A tennis ball and a grid of 56 yellow squares. Number: **Five hundred sixty-eight**. Illustration: A tennis court.
- Bottom row, middle: The number **865**. Illustration: A gold trophy.
- Bottom row, right: The equation **800+60+5**. Illustration: A boy holding a tennis racket.
- Bottom row, far right: The number **568**. Illustration: A gold trophy.
- Bottom row, far right (bottom): The equation **500+60+8**. Illustration: A girl holding a tennis racket.

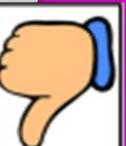
# NINJA SORT

Put a thumbs up or a thumbs down next to each ninja to show if they wrote each number correctly.

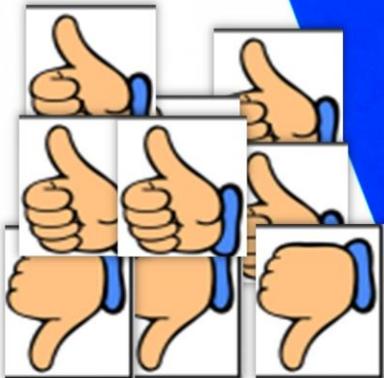
  $400+5+6$   
 **456**

$500+20+2$   
  **525**

$900+40+3$   
 **943**  

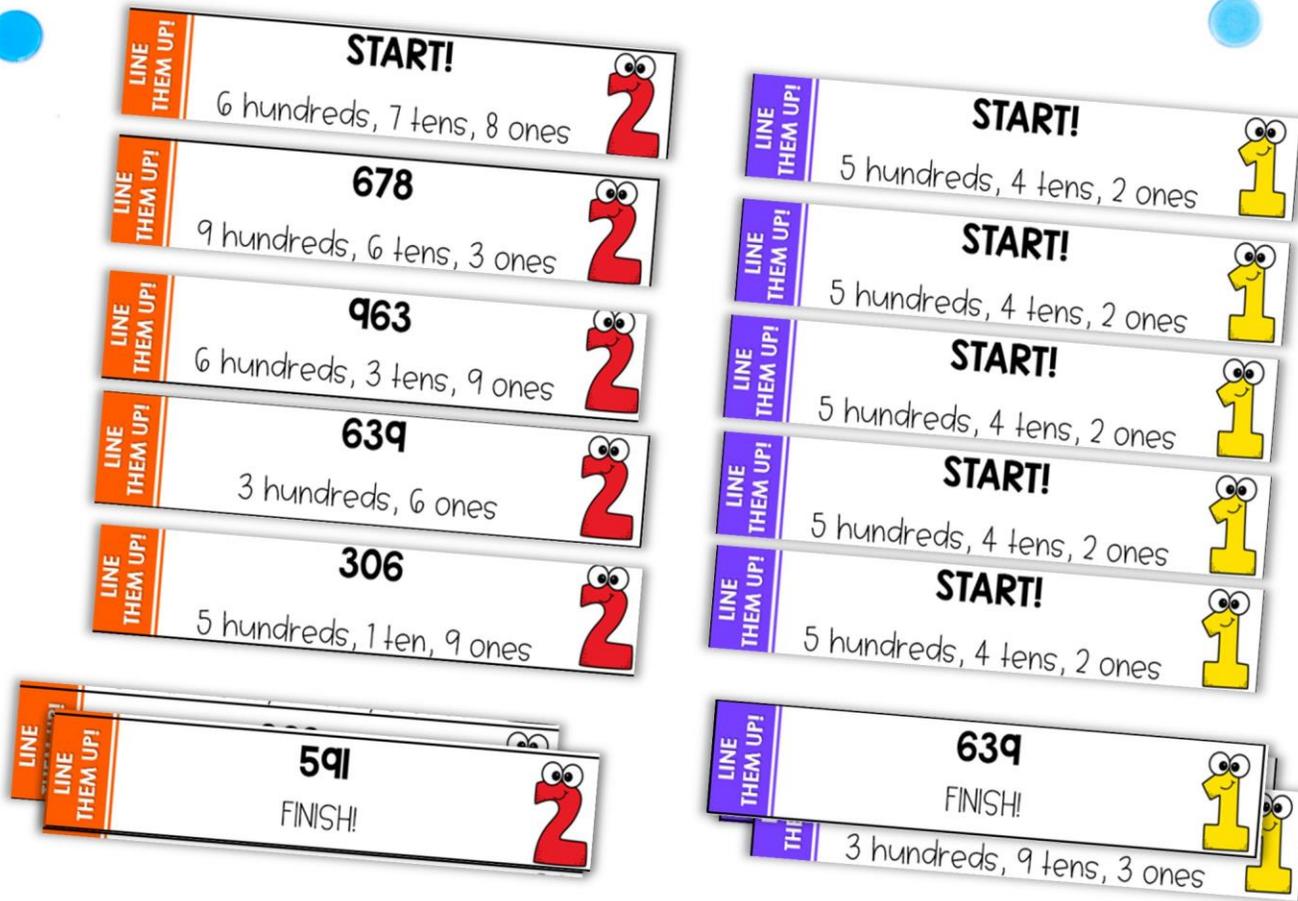

one hundred  
two-nine  
 **129**  


Two hundred  
thirty-seven  
 **237**  

SUBJECT SHEETS 01  
EQUIP RULER  
100% COTTON  
100% COTTON

# GAME #1



## HOW TO PLAY:

- Students pair up in teams.
- Students race to line up their cards in order before the other team.



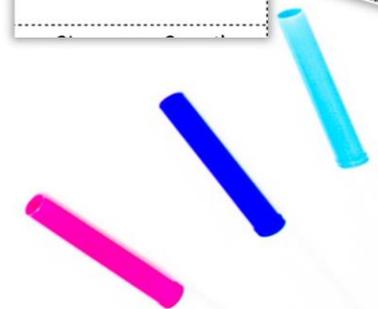
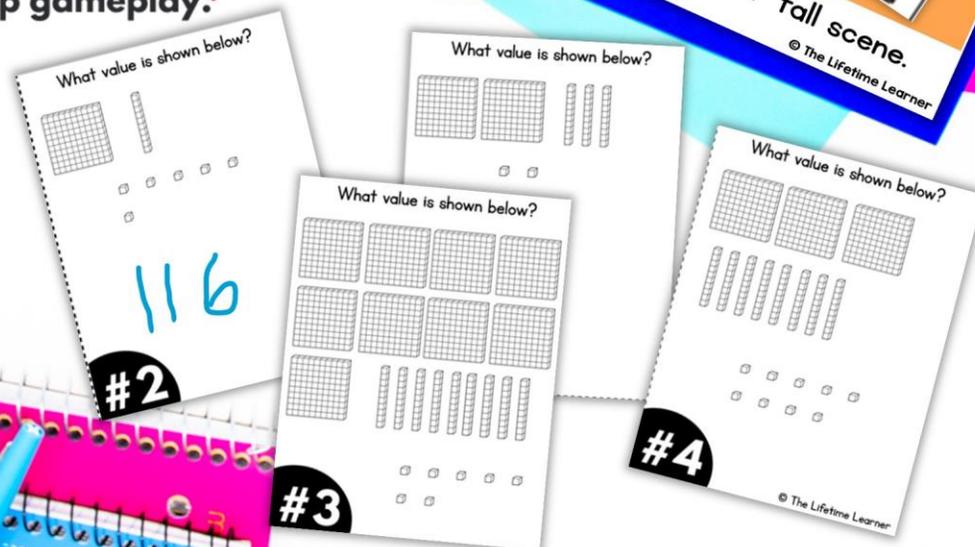
# GAME #2

FOR 2-4 PLAYERS



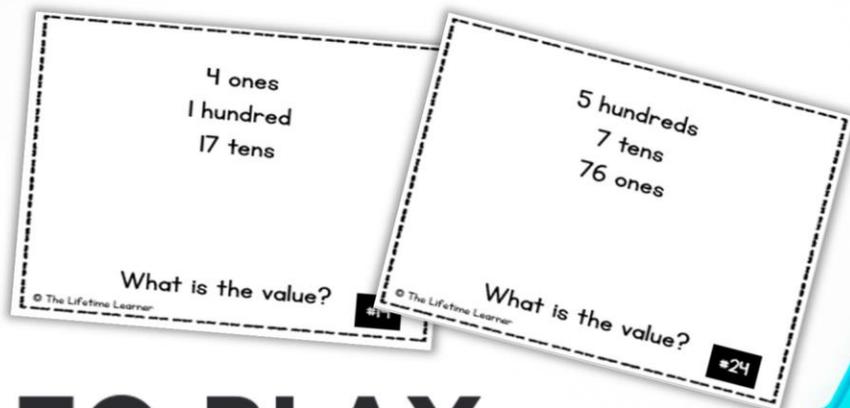
## HOW TO PLAY:

1. All players receive a game mat.
2. Students answer a question card.
3. If they are correct, they earn an item.
4. The first person to earn 10 items wins.
5. Chance cards included to spice up gameplay:



# GAME #3

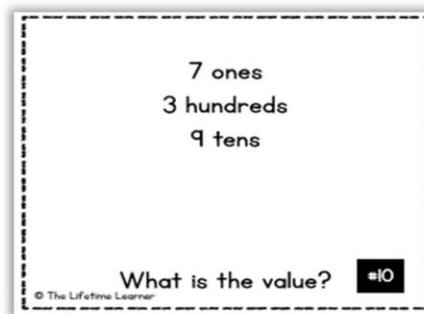
the perfect game to play with the whole class



Click the bucket to see this game in action.

## HOW TO PLAY:

1. Students answer task cards.
2. If they get it right, they drop it in the bucket.
3. Students play for a set amount of time.
4. At the end of gameplay, the teacher draws task cards out of the bucket.
5. Any student whose task card gets pulled out gets a small prize.



# BUY THE BUNDLE AND SAVE BIG!

## 3RD GRADE MATH BUNDLE

**The Beach**  
Name: *Lindsay*  
Write the number of the matching word problem on each bucket to show which sandcastle goes with each word problem.

1. There are 2 sharks. Each one has 5 teeth. How many teeth do the teeth have combined?  $2 \times 5 = 10$

2. There are 54 fish in the water. They are split between 6 small pools equally. How many fish are in each pool of water?  $54 \div 6 = 9$

3. There are 36 umbrellas for sale on the beach. 6 umbrellas are sold each hour. How many hours did it take to sell all of the umbrellas?  $36 \div 6 = 6$

4. There are 3 fences facing the beach. There are four seagulls sitting on each one. How many seagulls are there total?  $3 \times 4 = 12$

5. There are 12 surfers out in the water. They are chatting in groups of 4. How many groups are chatting?  $12 \div 4 = 3$

6. There are 50 seals out in the ocean. They are sitting in groups of 10. How many groups of seals are there?  $50 \div 10 = 5$

**My Castle**  
To win, you must have 10 items in your castle.

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## ARTIST day

place value  
2.NBT.3



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2nd GRADE  
ROOM TRANSFORMATION

## REALTOR day

read  
write  
compare  
LARGE NUMBERS  
4.NBT.2



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4th GRADE  
ROOM TRANSFORMATION

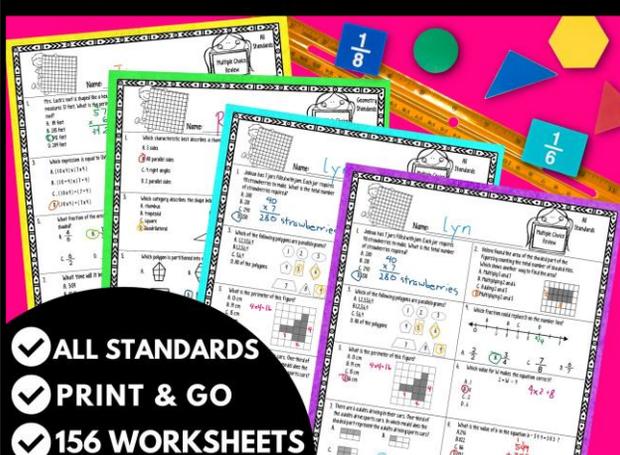
## REALTOR day

place value  
2.NBT.1



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2nd GRADE  
ROOM TRANSFORMATION

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29 MATH GAMES

### 3RD GRADE

GRAB IT!									
50	9	0	4	50	9	0	4	50	
GRAB IT!									
7	24	15	6	7	24	15	48	7	
GRAB IT!									
81	3	18	48	81	3	18	6	81	

GRAB IT!  
 $- \div 3 = 2$

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## 3RD GRADE BUNDLE TASK CARDS



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