THE PLAN

#|

You can't believe it! Your family is buying a candy store and YOU get to help run it!

	_
First, think of a name for your candy store:	
	٦
It'll be very important to advertise! Design a poster that you can put up to advertise the new	
candy store.	
	٦
OK O	3
	B
	L

STOCKING THE SHELVES

#/

It's time to start stocking the shelves with every kind of candy imaginable!

Your first shipment has come in and it's your job to stock the shelves with candy! Figure out how many of each candy was ordered.

Type of Car	ndy	Bags of 100 (Hundreds)	Bags of Ten (Tens)	Single Candies (Ones)	Total Candies
Gummy bears		Ч	3	8	
Licorice		5		q	
Caramels			8	0	
Lollipops		2	Ч	4	
Gummy fish		0	7	8	
Hard candies		6		2	
Citrus candies		0	8	0	
Jelly beans	0	4	3	5	

Answer the questions:
Are there more hard candies or lollipops?Oh no! You need 100 citrus candies! How many more will you need to order?
Order the following candies from least amount (smallest) to greatest amount (largest): licorice, gummy fish, jelly beans.
Which type of candy do you have the most of?

SURVEY YOUR CUSTOMERS

For the next shipment, you want to make sure that you order the types of candies that your customers want! Let's do a survey!

You decide to survey 100 kids in your school to see what kind of candy is their favorite. Here are the results:

WHAT'S YOUR FAVORITE CANDY?

50						Represent the amount of each candy
45						with base 10 blocks:
40						
35						
30						
25						
20						
15						Constitution of the Consti
Ю						A
5						
How	many of	each? W	rite the r	number.		
en all)				3	
How	many 🖟	and 🥒	≠ in all?			
		1.00				
How	many 🗳	and () in all?			
How	many moi	re 🖟 t	han 🥓	?		
Shelley						www.ShelleyGrayTeaching.co

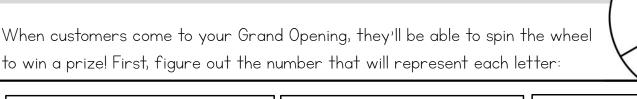
THE GRAND OPENING!

#L

It's time for the Grand Opening Event at your candy store! You have lots of fun things planned for the day!

SPIN THE WHEEL

to win a prize! First, figure out the number that will represent each letter:





J: 600+20

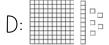
S: 400+70+5

K: 8 more than 80

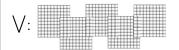
T: 100+20+9

L: 7 groups of 100

U: 700+16

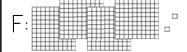


M: IO+7



E: 20 more than 75

W: 200+4



(): 3 groups of 100 and 4 groups of 10



G: 200+60+7

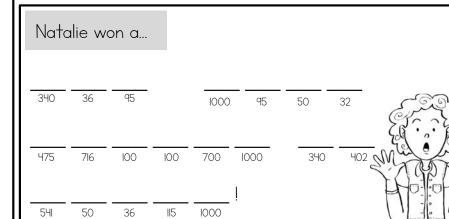
Y: 10 groups of 100

H: 10 less than 14

Q: 800+l0+3

I: 10 more than 303

R: 30+2



Trevor won a...

Natalie and Trevor are both SO excited! Which	of their prizes would you rather win? Why?
Imagine winning that prize! Draw a pictur	`e.
The Grand Opening was a HUGE success! The bas	e 10 blocks show how many people came in all.
	How many people came?
	Write it in word form.
	Write it as an addition equation.

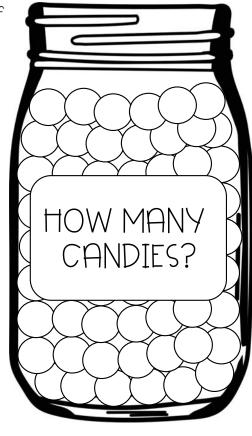
GUESS THE NUMBER OF CANDIES

Another fun part of the Grand Opening is the contest to guess the number of candies in the jar!

Here are the guesses from the first five customers. Write each of their guesses in expanded form:

NAME	GUESS	GUESS (IN EXPANDED FORM)
Ella	123	
Annalise	68	
Emaan	132	
Josiah	87	
Scarlett	145	

Order the guesses from $\underline{\text{least}}$ (smallest) to $\underline{\text{greatest}}$ (largest):



The next five customers come to make their guesses. Write each guess in word form:

NAME	GUESS	GUESS (IN WORD FORM)
Lola	201	
Finley	133	
Keenan	102	
Millie	210	
Colton	134	

Order the guesses from greatest (largest) to least (smalles	Order the	e auesses from	areatest (la	raest) to	least (smalles	+)
---	-----------	----------------	--------------	-----------	----------------	----

The actual number of candies was 152. Who was closest?

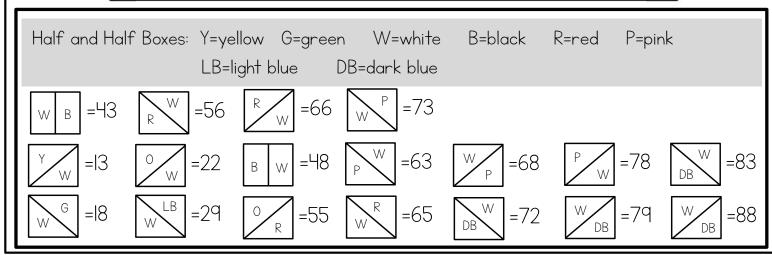
MYSTERY GUEST

#5

You are SO excited about the mystery guest who is handing out candy at the Grand Opening!

Use the place value clues to shade the picture and discover who the mystery guest is!

1	2	3	4	5	6	7	8	٩	0
H	12	18/	14	15	16	17	Ø	19	20
21	ZZ	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
4	42	43	44	45	46	47	<u> </u>	49	50
51	52	53	54	5 8	56	57	58	59	60
61	62	63	64	8 5	<i>6</i> 6	67	68	69	70
71	X	X	74	75	76	77	78	79	80
81	82	83	84	85	86	87	8 8	89	90
qı	92	q 3	94	95	96	97	98	99	100



Shade these boxes DARK BLUE:					
8 tens	7 tens and I one 7 tens				
6 tens and I one	9 tens and 9 ones 8 tens and 9 ones				
8 tens and 2 ones	I one 9 tens and I one				
l ten	I hundred 9 tens				
9 tens and 2 ones	8 tens and I one				
Shade these boxes RED:					
9 tens and 4 ones	3 tens and 1 one 9 tens and 3 ones				
9 tens and 7 ones	9 tens and 5 ones 9 tens and 6 ones				
4 tens and I one	5 tens and I one 9 tens and 8 ones				
Shade these boxes PINK:	Shade these boxes ORANGE: Shade these boxes PURPLE::				
7 tens and 5 ones	I ten and I one 5 tens				
7 tens and 6 ones	2 ones 4 tens				
7 tens and 4 ones	I ten and 2 ones 6 tens				
7 tens and 7 ones	2 tens and I one				
Shade these boxes GREEN:	Shade these boxes YELLOW: 4 ones				
6 ones	3 tens and 2 ones				
7 ones	3 ones 4 tens and 9 ones				
8 ones	3 tens and 7 ones				
	3 tens and 4 ones 3 tens and 3 ones				
Shade these boxes LIGHT BLUE:	4 tens and 2 ones 3 tens and 8 ones				
3 tens	4 tens and 4 ones 5 ones				
9 ones					
2 tens Who was the mystery guest?					
I ten and 9 ones					

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THE FIRST BIG ORDER!

#6

You just got your first big customer order! Let's take a look at what she would like!

Sophia is ordering candy for her birthday party. She represents her order with three different picture graphs. On the first one, she uses each picture to represent two candies.

Type of Candy	How Many? (Each picture represents 2 candies.)	Write the number. (Skip-count by 2's to find it.)
\bigcirc	\bigcirc	
	0000000000	
	TOTAL CANDIES ON THIS GRAPH	

On the second part of her order, she uses each picture to represent 5 candies.

Type of Candy	How Many? (Each picture represents 5 candies.)	Write the number. (Skip-count by 5's to find it.)
	TOTAL CANDIES ON THIS GRAPH	

On the third part of her order, she uses each picture to represent 10 candies.

Type of Candy	How Many? (Each picture represents 10 candies.)	Write the number. (Skip-count by 10's to find it.)
	TOTAL CANDIES ON THIS GRAPH	

INVENTORY DAY

#7

Inventory is important when you own a business! This means that we count all of the candies to see what we have available.

You head to the storage room to begin counting. This is going to take awhile! As you count, you write the numbers of each candy on the chart. Complete the missing spaces on the chart.

The number's of each canay on the chair. Complete the missing spaces on the chair.					
Type of Candy	How Many?	Word Form	Expanded Form		
		two-hundred forty seven			
	679				
			500+70+8		
			200+20+5		
	455				
\bigcirc		six-hundred ninety-one			
		eight-hundred twelve			
0	908				
			50+2		
		five-hundred four			
Use a greater than (>) or less than (<) symbol to compare some of the inventory numbers:					
578	679	504 455 691	812 247 52		
Choose any FIVE of the numbers from the inventory chart. Order them from least to greatest:					

INVENTORY ADJUSTMENTS						
Just when you thought you finished the inventory, you found another shelf of candy in the Secret Storage Room! Use the chart on the previous page to help you figure out the new totals for each type of candy.						
GUMMY FISH	CANDY HEARTS			HARD CANDIES ()		
You had:	You had:			You had:		
<i>You found:</i> 20 more	You found: 100	more		You found: 10 more		
Now you have:	Now you have:			Now you have:		
CITRUS CANDIES	GUMMY BEARS			CARAMELS		
You had:	You had:			You had:		
<i>You found:</i> 50 more	You found: 300 more			You found: 200 more		
Now you have:	Now you have:			Now you have:		
JELLY BEANS	GUM BALLS			LOLLIPOPS		
You had:	You had:	You had:		You had:		
You found: 70 more	You found: 300) more		You found: 30 more		
Now you have:	Now you have:			Now you have:		
ANSWER THE QUESTIONS						
How many more and did did the Secret Storage Room? Write equation.	than @ did you find in ge Room? Write a subtraction					
How many more and did	you find?	How many more \bigcirc than \bigcirc did you find?				
Write an addition equation.	Write a subtraction equation.					

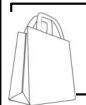
SURPRISE BAGS

#8

You decide to make up some surprise bags to sell! Inside each surprise bag will be a variety of candy.

First, you'll make the small size. Each small surprise bag has 5 candies inside.

You make EIGHT small surprise bags. Skip-count to show the total number of candies in all of the small bags:



Next, you make the medium size. Each medium surprise bag has 10 candies inside.

You make ELEVEN medium surprise bags. Skip-count to show the total number of candies in all of the medium bags:



Last, you make the large size. Each large surprise bag has 100 candies inside!

You make SIX large surprise bags. Skip-count to show the total number of candies in all of the large bags:



How many surprise bags did you make in all?

THINK FAST!

Suppose that a customer buys 4 surprise bags for \$3.00 each. What is the total amount?

WORKING THE CASH REGISTER

#9

Working at the cash register is an important job at the candy store! Figure out how much each person's candy will cost.





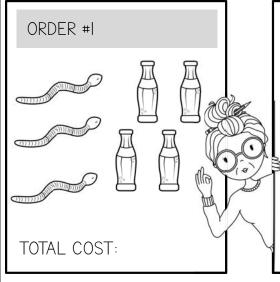


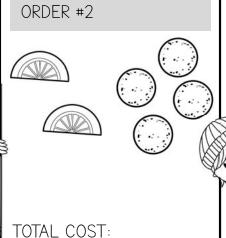


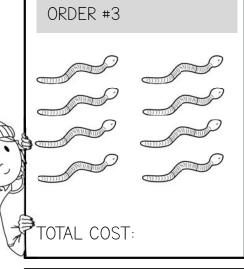


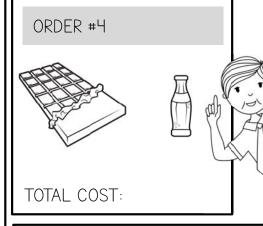


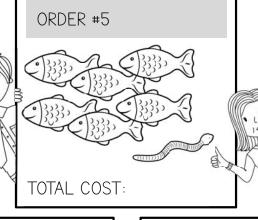


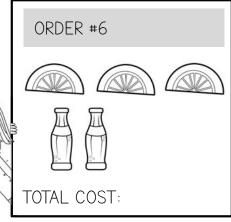












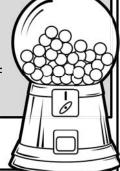
Maria has \$1.00 to spend, and wants at least 4 candies. What could she get?

Matthew has 50¢ to spend. What could he get?

CANDY SPILL!

#|0

Oh no! The big gumball machine fell over and ALL of the gumballs fell out!

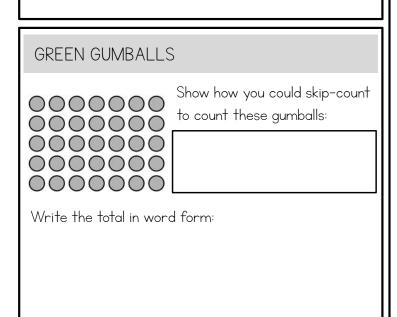


As you clean up the gumball mess, you count each color of gumball.

BLUE GUMBALLS	
00000	Show how you could skip-count to count these gumballs:
00000	
Write the total in word	d form:

RED GUMBALLS	
000000000 000000000 000000000 00000000	Show how you could skip-count to count these gumballs:
Write the total in word	d form:

YELLOW GUMBAL	LS
0000	Show how you could skip-count to count these gumballs:
Write the total in wor	d form:



How many gumballs spilled altogether? Write an addition equation.

GUMMY SALES

#||

Gummy bears and gummy fish have been the most popular candies at the store so far.

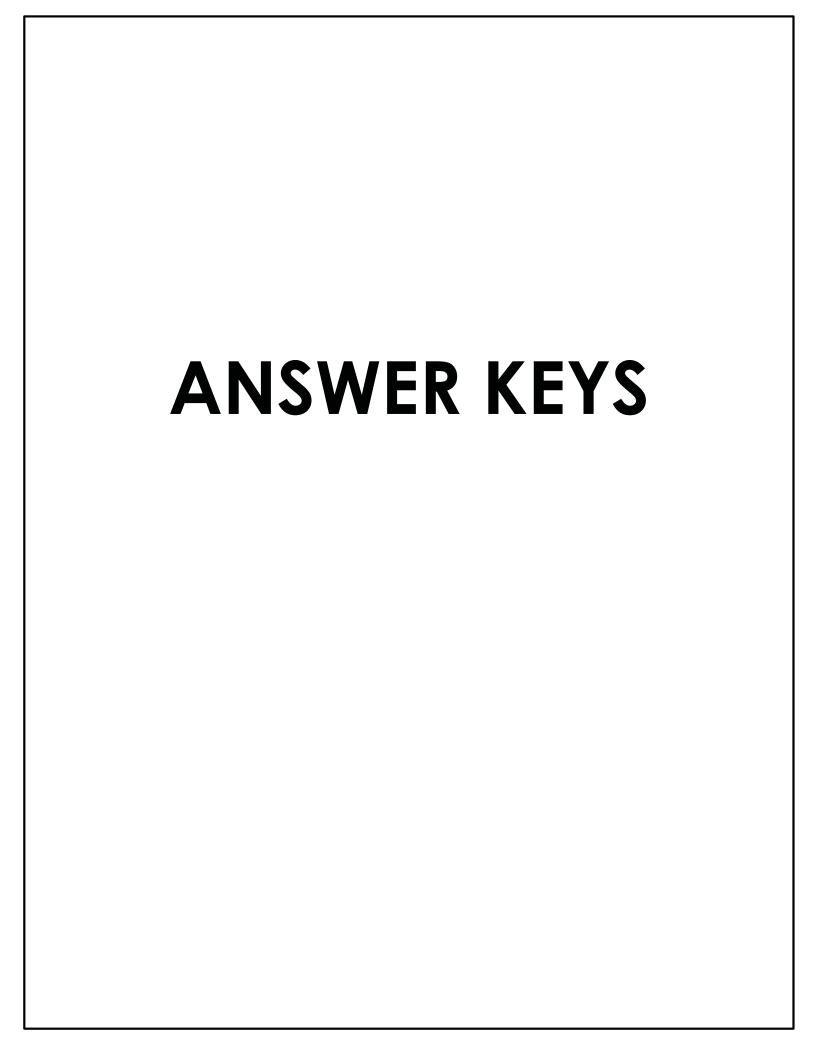
This tally chart shows how many packages of gummy bears and gummy fish you sold this week. Write the number of packages for each day.

GUMMY FISH CREEKE					
DAY	# OF PACKAGES SOLD	#			
Monday	####				
Tuesday	######				
Wednesday	####				
Thursday	HHHHHHII				
Friday	####				
Saturday	####				

Now figure out the total number of packages of gummy bears and gummy fish sold on each day. Write an addition equation for each.

DAY	TOTAL NUMBER OF PACKAGES SOLD (Write an addition equation)	NUMBER OF TENS AND ONES
Monday		tens ones
Tuesday		tens ones
Wednesday		tens ones
Thursday		tens ones
Friday		tens ones
Saturday		tens ones

On which <u>two</u> days were the most gummy candies sold? _____



THE PLAN

#|

You can't believe it! Your family is buying a candy store and YOU get to help run it!

It'll be very important to advertise! Design a poster that you can put up to advertise the new candy store.

ANSWERS WILL VARY.



STOCKING THE SHELVES

#/

It's time to start stocking the shelves with every kind of candy imaginable!

Your first shipment has come in and it's your job to stock the shelves with candy! Figure out how many of each candy was ordered.

Type of Candy		Bags of 100 (Hundreds)	Bags of Ten (Tens)	Single Candies (Ones)	Total Candies
Gummy bears		Ч	3	8	438
Licorice		5		q	519
Caramels			8	0	180
Lollipops		2	Ч	4	244
Gummy fish		0	7	8	78
Hard candies		6		2	612
Citrus candies		0	8	0	80
Jelly beans	0	4	3	5	435

Answer the questions:

Are there more hard candies or lollipops?	There are more hard candies.

Oh no! You need 100 citrus candies! How many more will you need to order? _ 100-80=20 You'll need to order 20 more.

Order the following candies from least amount (smallest) to greatest amount (largest): licorice, gummy fish, jelly beans.

gummy fish, jelly beans, licorice

Which type of candy do you have the most of? <u>hard candies</u>

SURVEY YOUR CUSTOMERS

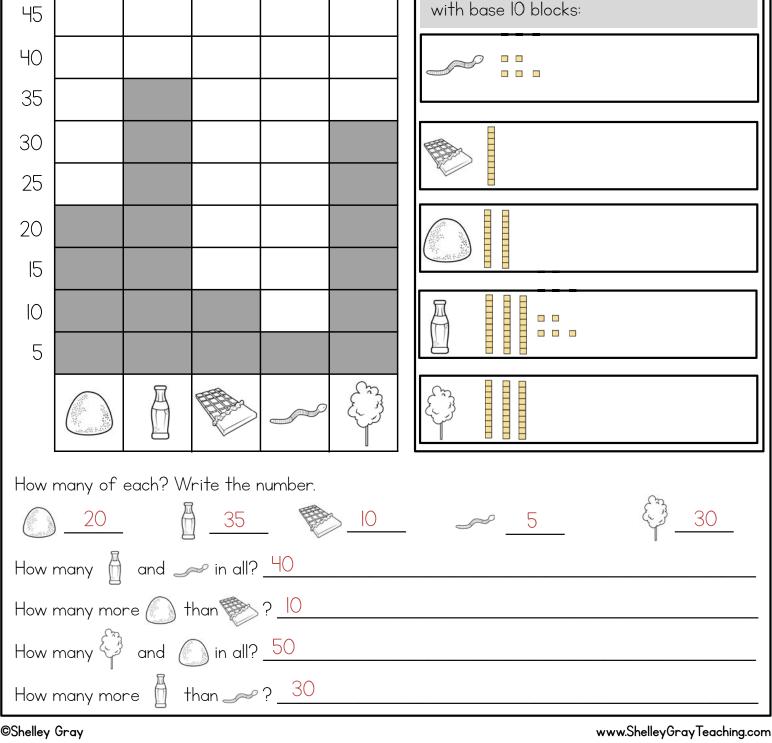
50

For the next shipment, you want to make sure that you order the types of candies that your customers want! Let's do a survey!

Represent the amount of each candy

You decide to survey 100 of the kids in your school to see what kind of candy is their favorite. Here are the results:

WHAT'S YOUR FAVORITE CANDY?

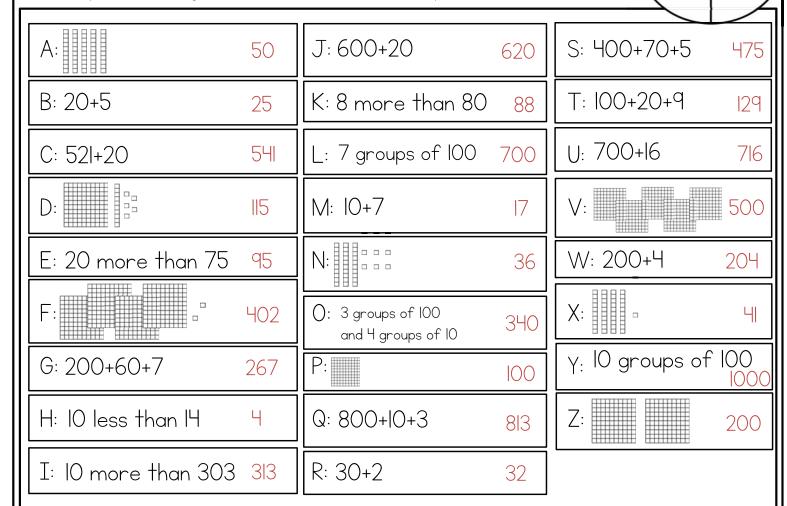


THE GRAND OPENING!

It's time for the Grand Opening Event at your candy store! You have lots of fun things planned for the day!

SPIN THE WHEEL

When customers come to your Grand Opening, they'll be able to spin the wheel to win a prize! First, figure out the number that will represent each letter:



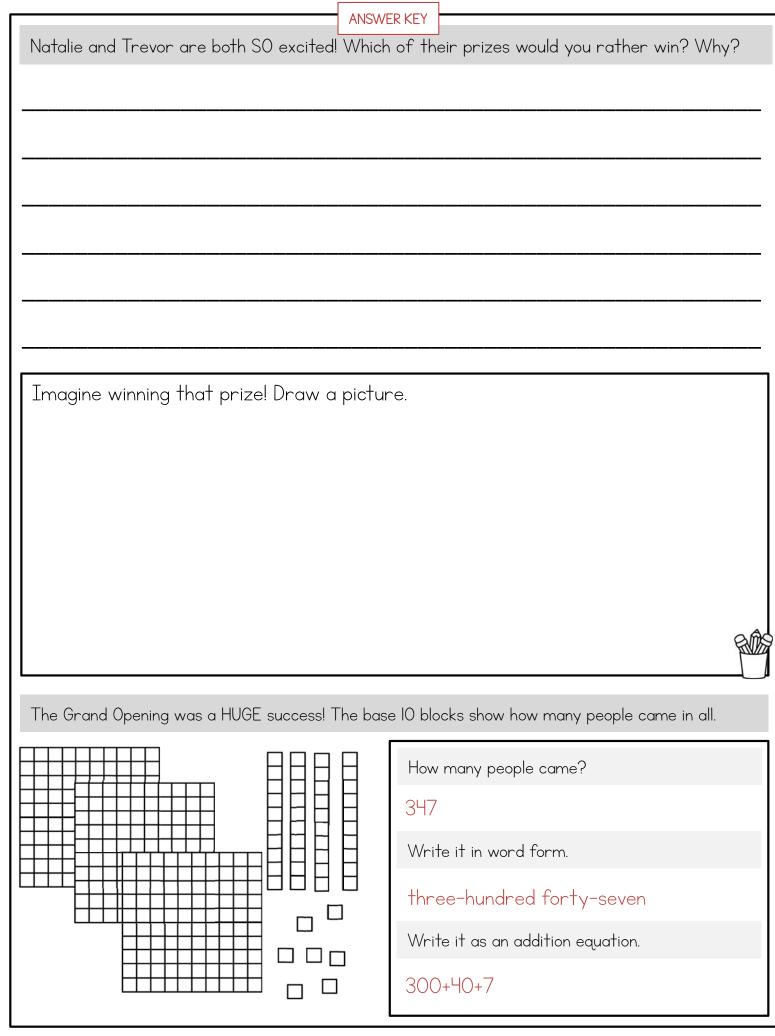
Natalie won a...



C A N D Y I

Trevor won a...



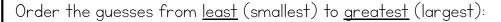


GUESS THE NUMBER OF CANDIES

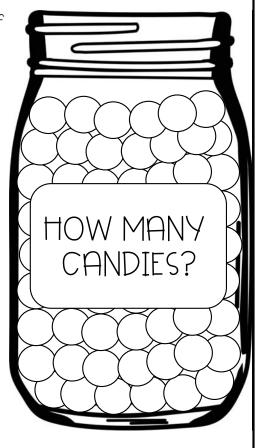
Another fun part of the Grand Opening is the contest to guess the number of candies in the jar!

Here are the guesses from the first five customers. Write each of their guesses in expanded form:

NAME	GUESS	GUESS (IN EXPANDED FORM)
Ella	123	100+20+3
Annalise	68	60+8
Emaan	132	100+30+2
Josiah	87	80+7
Scarlett	145	100+40+5



68, 87, 123, 132, 145



The next five customers come to make their guesses. Write each guess in word form:

NAME	GUESS	GUESS (IN WORD FORM)
Lola	201	two-hundred one
Finley	133	one-hundred thirty-three
Keenan	102	one-hundred two
Millie	210	two-hundred ten
Colton	134	one-hundred thirty-four

Order the guesses from greatest (largest) to <u>least</u> (smallest):

210, 201, 134, 133, 102

The actual number of candies was 152. Who was closest?

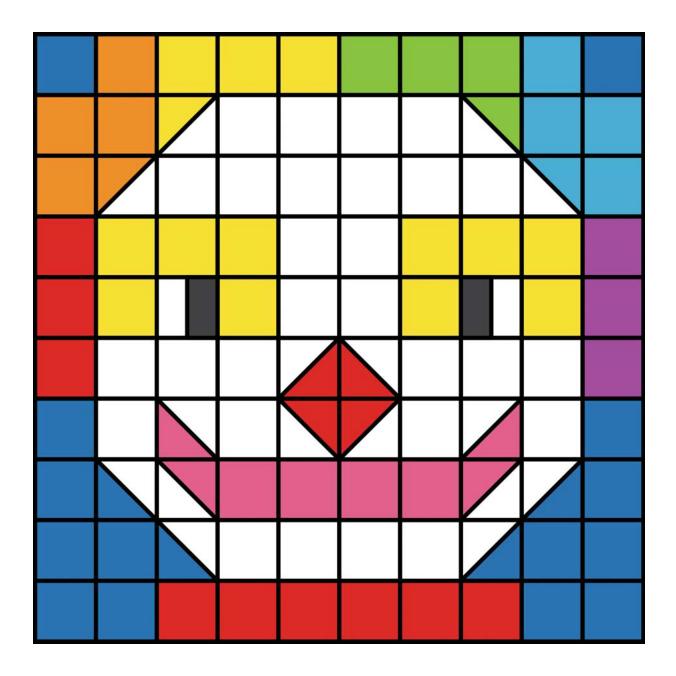
Scarlett was closest.

MYSTERY GUEST

#5

You are SO excited about the mystery guest who is handing out candy at the Grand Opening!

Use the place value clues to shade the picture and discover who the mystery guest is!



THE FIRST BIG ORDER!

#6

You just got your first big customer order! Let's take a look at what she would like!

Sophia is ordering candy for her birthday party. She represents her order with three different picture graphs. On the first one, she uses each picture to represent two candies.

Type of Candy	How Many? (Each picture represents 2 candies.)	Write the number. (Skip-count by 2's to find it.)
		12
\bigcirc	\bigcirc	8
		8
	0000000000	24
	TOTAL CANDIES ON THIS GRAPH	62

On the second part of her order, she uses each picture to represent 5 candies.

Type of Candy	How Many? (Each picture represents 5 candies.)	Write the number. (Skip-count by 5's to find it.)
		35
		20
TOTAL CANDIES ON THIS GRAPH		55

On the third part of her order, she uses each picture to represent 10 candies.

Type of Candy	How Many? (Each picture represents 10 candies.)	Write the number. (Skip-count by 10's to find it.)
		llO
12 de 10 de		70
TOTAL CANDIES ON THIS GRAPH		180

INVENTORY DAY

#7

Inventory is important when you own a business! This means that we count all of the candies to see what we have available.

You head to the storage room to begin counting. This is going to take awhile! As you count, you write the numbers of each candy on the chart. Complete the missing spaces on the chart.

Type of Candy	How Many?	Word Form	Expanded Form
	247	two-hundred forty seven	200+40+7
	679	six-hundred seventy-nine	600+70+9
	578	five-hundred seventy-eight	500+70+8
	225	two-hundred twenty-five	200+20+5
	455	four-hundred fifty-five	400+50+5
\bigcirc	691	six-hundred ninety-one	600+90+1
\$	812	eight-hundred twelve	800+10+2
0	908	nine-hundred eight	900+8
	52	fifty-two	50+2
	504	five-hundred four	500+4

Use a greater than (>) or less than (<) symbol to compare some of the inventory numbers:







Choose any FIVE of the numbers from the inventory chart. Order them from least to greatest:

Answers will vary.

INVENTORY ADJUSTMENTS

Just when you thought you finished the inventory, you found another shelf of candy in the Secret Storage Room! Use the chart on the previous page to help you figure out the new totals for each type of candy.

GUMMY FISH



You had: 247

You found: 20 more

Now you have: 267

CANDY HEARTS



You had: <u>69</u>1

You found: 100 more

Now you have: 79

HARD CANDIES



You had: 679

You found: 10 more

Now you have: <u>689</u>

CITRUS CANDIES



You had: 225

You found: 50 more

Now you have: 275

GUMMY BEARS



You had: <u>578</u>

You found: 300 more

Now you have: 878

CARAMELS



You had: 455

You found: 200 more

Now you have: 655

JELLY BEANS



You had: 908

You found: 70 more

Now you have: 978

GUM BALLS



You had: 52

You found: 300 more

Now you have: 352

LOLLIPOPS



You had: 812

You found: 30 more

Now you have: 842

ANSWER THE QUESTIONS

How many more and and did you find in the Secret Storage Room? Write an addition equation.

300+200=500

How many more and and did you find?
Write an addition equation.

50+30=<u>80</u>

How many more than did you find in the Secret Storage Room? Write a subtraction equation.

20-l0=<u>l0</u>

How many more \bigcirc than \bigcirc did you find? Write a subtraction equation.

70-20=<u>50</u>

SURPRISE BAGS

#8

You decide to make up some surprise bags to sell! Inside each surprise bag will be a variety of candy.

First, you'll make the small size. Each small surprise bag has 5 candies inside.

You make EIGHT small surprise bags. Skip-count to show the total number of candies in all of the small bags:



5, 10, 15, 20, 25, 30, 35, 40

Next, you make the medium size. Each medium surprise bag has 10 candies inside.

You make ELEVEN medium surprise bags. Skip-count to show the total number of candies in all of the medium bags:



10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110

Last, you make the large size. Each large surprise bag has 100 candies inside!

You make SIX large surprise bags. Skip-count to show the total number of candies in all of the large bags:



100, 200, 300, 400, 500, 600

How many surprise bags did you make in all? 8+11+6=25 You made 25 surprise bags in all.

THINK FAST!

Suppose that a customer buys 4 surprise bags for \$3.00 each. What is the total amount?

3+3+3+3=12 The total amount is \$12.00

WORKING THE CASH REGISTER

#9

Working at the cash register is an important job at the candy store! Figure out how much each person's candy will cost.

PRICE LIST

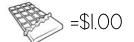


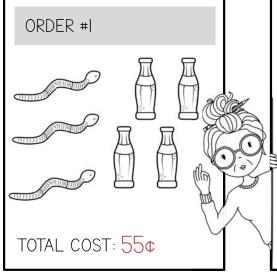




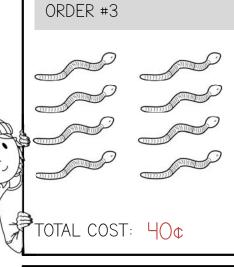




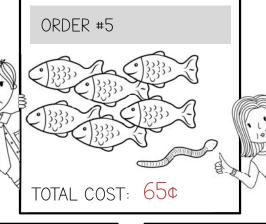


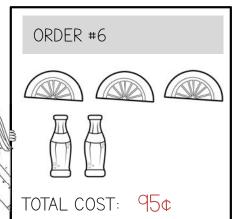












Maria has \$1.00 to spend, and wants at least 4 candies. What could she get?

Answers will vary.

Matthew has 50¢ to spend. What could he get?

Answers will vary.

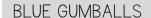
CANDY SPILL!

#|0

Oh no! The big gumball machine fell over and ALL of the gumballs fell out!



As you clean up the gumball mess, you count each color of gumball.





Show how you could skip-count to count these gumballs:

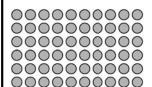


5, 10, 15, 20

Write the total in word form:

twenty

RED GUMBALLS



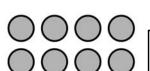
Show how you could skip-count to count these gumballs:

10, 20, 30, 40, 50, 60

Write the total in word form:

sixty

YELLOW GUMBALLS



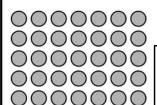
Show how you could skip-count to count these gumballs:

4, 8

Write the total in word form:

eight

GREEN GUMBALLS



Show how you could skip-count to count these gumballs:

7, 14, 21, 28, 35

Write the total in word form:

thirty-five

How many gumballs spilled altogether? Write an addition equation.

20+60+8+35=123

123 gumballs spilled altogether.

GUMMY SALES

#||

Gummy bears and gummy fish have been the most popular candies at the store so far.

This tally chart shows how many packages of gummy bears and gummy fish you sold this week. Write the number of packages for each day.

GUMMY BEARS

GUIVIIVIT BEAKS (1)		
DAY	# OF PACKAGES SOLD	#
Monday	#####	31
Tuesday	####	19
Wednesday	#####	28
Thursday	##	7
Friday	##	5
Saturday	## ##	II

GUMMY FISH COMPANY		
DAY	# OF PACKAGES SOLD	#
Monday	#####	20
Tuesday	######	30
Wednesday	####	22
Thursday	#####	33
Friday	####	5
Saturday	HH HH HH	15

Now figure out the total number of packages of gummy bears and gummy fish sold on each day. Write an addition equation for each.

DAY	TOTAL NUMBER OF PACKAGES SOLD (Write an addition equation)	NUMBER OF TENS AND ONES
Monday	3 +20=5	_5_ tens _l_ ones
Tuesday	19+30=49	_ <u>4</u> tens <u>9</u> ones
Wednesday	28+22=50	_5_ tens _0_ ones
Thursday	7+33=40	_ <mark> t</mark> ens ones
Friday	5+15=20	_2_ tens _0_ ones
Saturday	II+I5=26	_2 tens _6 ones

On which two days were the most gummy candies sold? Monday and Tuesday