

charlie
& the
chocolate
factory

MATH
BUNDLE



FAST FACTS

Print &
Digital
Resources

- 8 FUN candy-themed math activities to engage 2nd and 3rd graders
- 42 math challenges & brain teasers
- Editable differentiated math project
- PROJECT & PLAY math fact games
- Tested in over 2,000 classrooms
- 1,000+ total pages/slides
- 350+ 4+ star ratings

Name _____



Math Challenge Charlie's Candy Combination

Charlie has enough birthday money to buy 100 treats. At the candy shop they carry Cocoa Cakes, Marshmallows, Hair Toffee, and Candy Pencils. If Charlie can buy 100 treats, how many different treat combinations can he make?

Find an organized way to show **all possible combinations** and the answer in the box below.

Math Challenges & Brainteasers with Wonka and Candy Themes

Name _____

Candy Kids

Charlie, Veruca, Augustus, Mike, and Violet all have a different favorite candy from the chocolate room, and each person ate a different amount of this treat. Altogether the children ate 100 treats! Use the clues below to determine the favorite candy of each golden ticket winner and how many of them they ate.

1. The girls ate 50 treats in all.
2. Veruca ate twice the amount of treats Charlie did.
3. Augustus ate ten more treats than Mike did.
4. The person who ate the most sweets likes Licorice Lollies most.
5. Veruca ate 10 less treats than Violet.
6. The person who ate the least sweets likes Mouth Watering Marshmallows best.
7. Mike and Augustus ate 40 sweets altogether.
8. Charlie ate the most treats.
9. Augustus likes Candy Pencils.
10. Charlie ate 10 more treats than Veruca.



Charlie ate _____ of his favorite candy _____.

Veruca ate _____ of her favorite candy _____.

Augustus ate _____ of his favorite candy _____.

Mike ate _____ of his favorite candy _____.


Violet ate _____ of her favorite candy _____.

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Math Challenge
Loompa Loompa Output
made a different amount of sweet treats. Use the clues to find out how many sweet treats each Loompa made.

Name _____

What did you _____



Math Challenge The Chocolate Room

In the chocolate factory's chocolate room each golden ticket winner ate a different amount of candy. Altogether they ate 135 pieces of candy. Use the clues below to determine how many pieces of candy each of the five golden ticket winners ate.

- Clue #1: Charlie ate half as much candy as Mike.
- Clue #2: Veruca ate five more pieces than Violet.
- Clue #3: Augustus ate 3 times the amount of candy in all.
- Clue #4: Violet and Veruca ate 45 candies in all.
- Clue #5: Augustus and Mike ate 75 candies in all.
- Clue #6: Charlie ate more than 10 pieces of candy.

Use the box below to show your work.
Find an organized way to show your work.

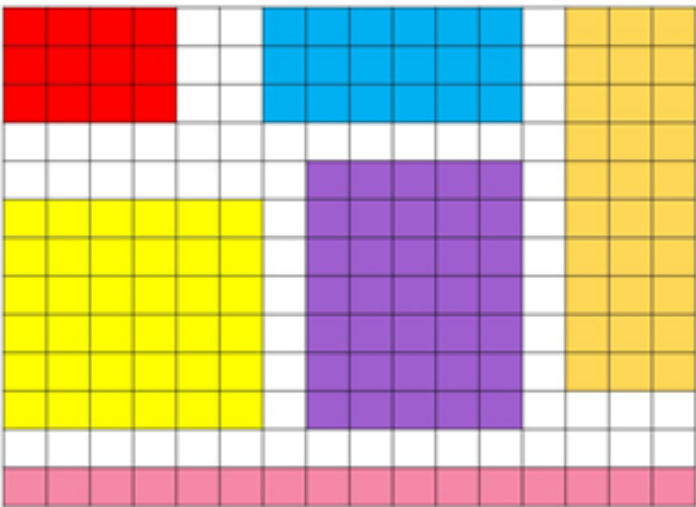
Augustus ate 45 pieces
Charlie ate 15 pieces
Mike ate 30 pieces
Veruca ate 15 pieces
Violet ate 10 pieces

+ Google Slides versions


Wonka Map

A map of rooms on Wonka's 13th floor is shown below. Use the clues to determine which rooms are which. Complete the missing area or perimeter in each box below. Then drag the label to each room on the factory map.

Clue #1: The area and perimeter of the Cookie Creation Room are the same.
Clue #2: The Invention Room has the smallest area.
Clue #3: The area of the Candy Forest is twice the area of the Cookie Creation Room.
Clue #4: The Chocolate River has the greatest perimeter.
Clue #5: The perimeter of the Gummy Worm Garden is the same as the Candy Forest.
Clue #6: The Oompa Loompa Resting Room has a perimeter of 26 units.

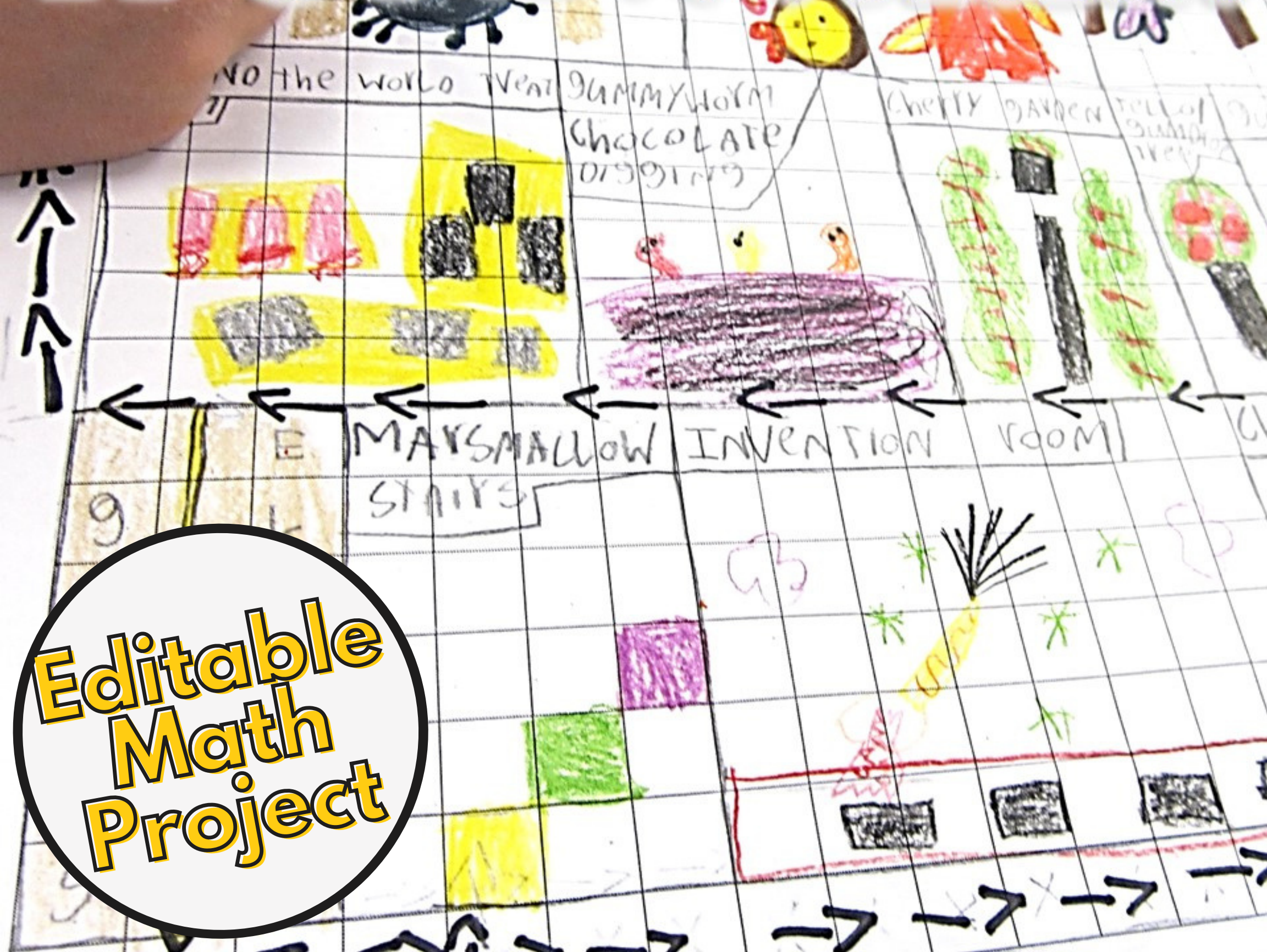


Room	P=	A=
Cookie Creation Room		
Invention Room		
Candy Forest		
Chocolate River		
Gummy Worm Garden		
Oompa Loompa Resting Room		



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WONKA FACTORY DESIGN



Editable
Math
Project

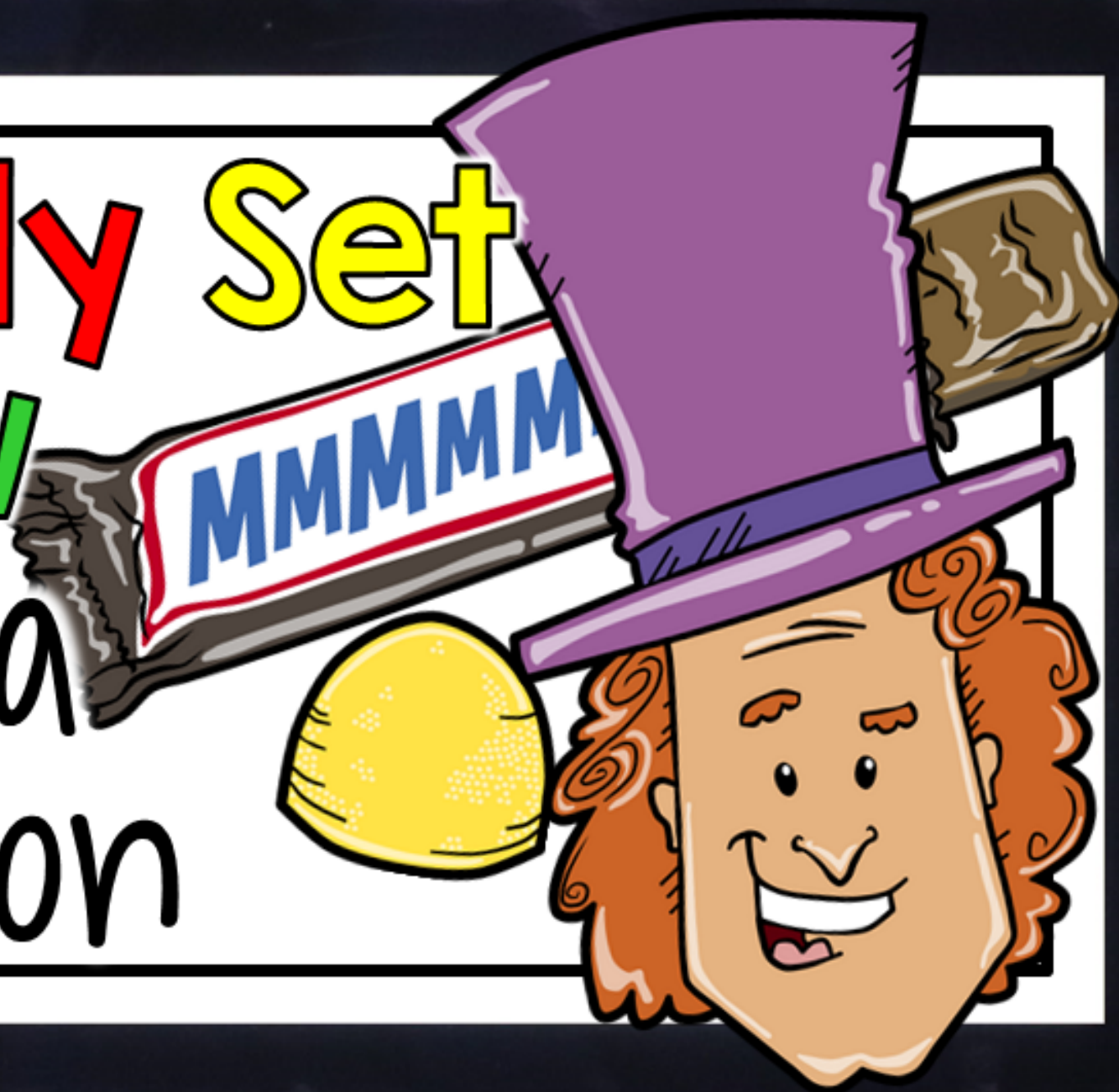
Interactive Math Fact Practice



with Wonka
& Candy
themes



Ready Set Show Wonka Addition



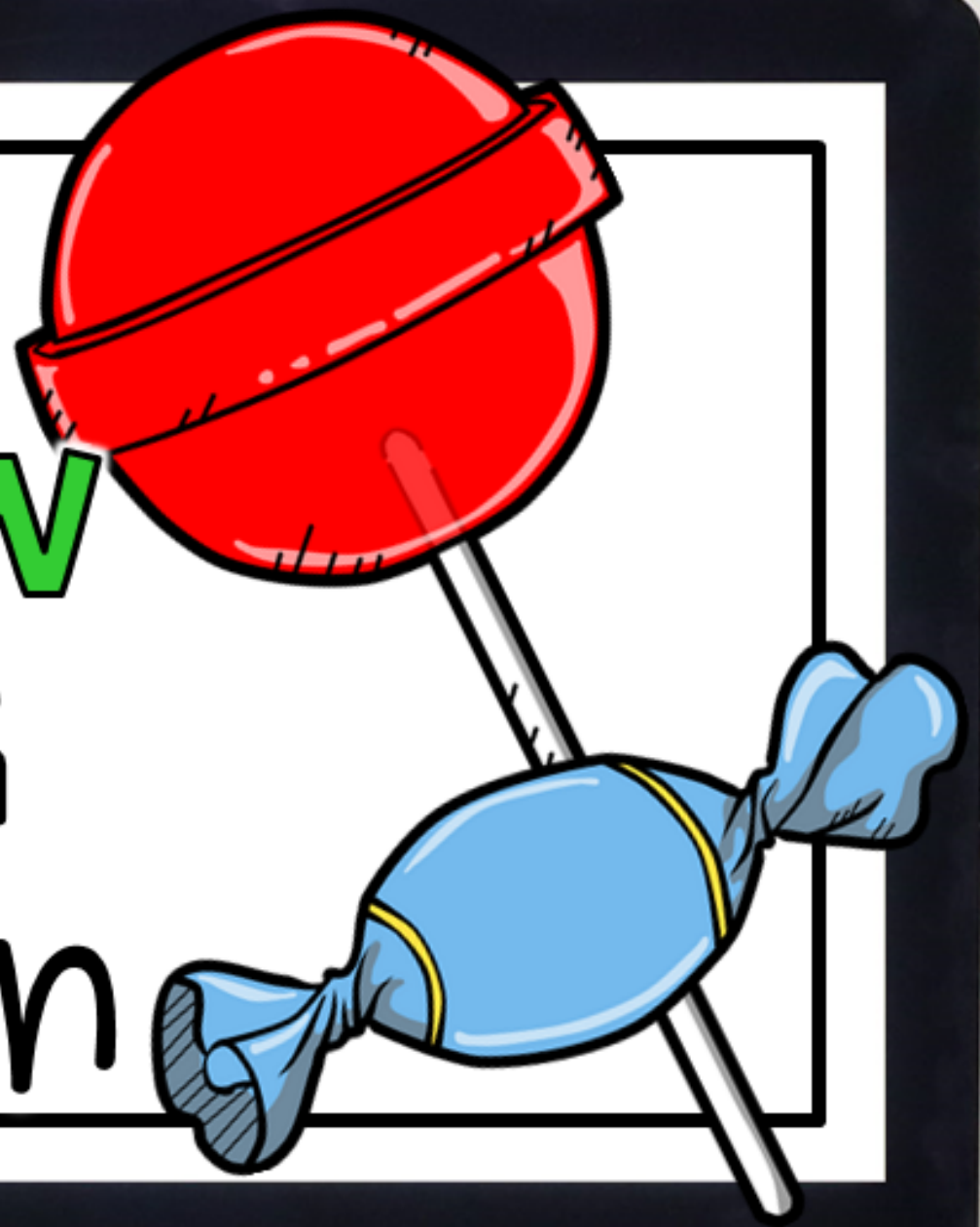
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Ready Set Show Wonka Subtraction



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Slides

Ready
Set Show
Addition &
Subtraction



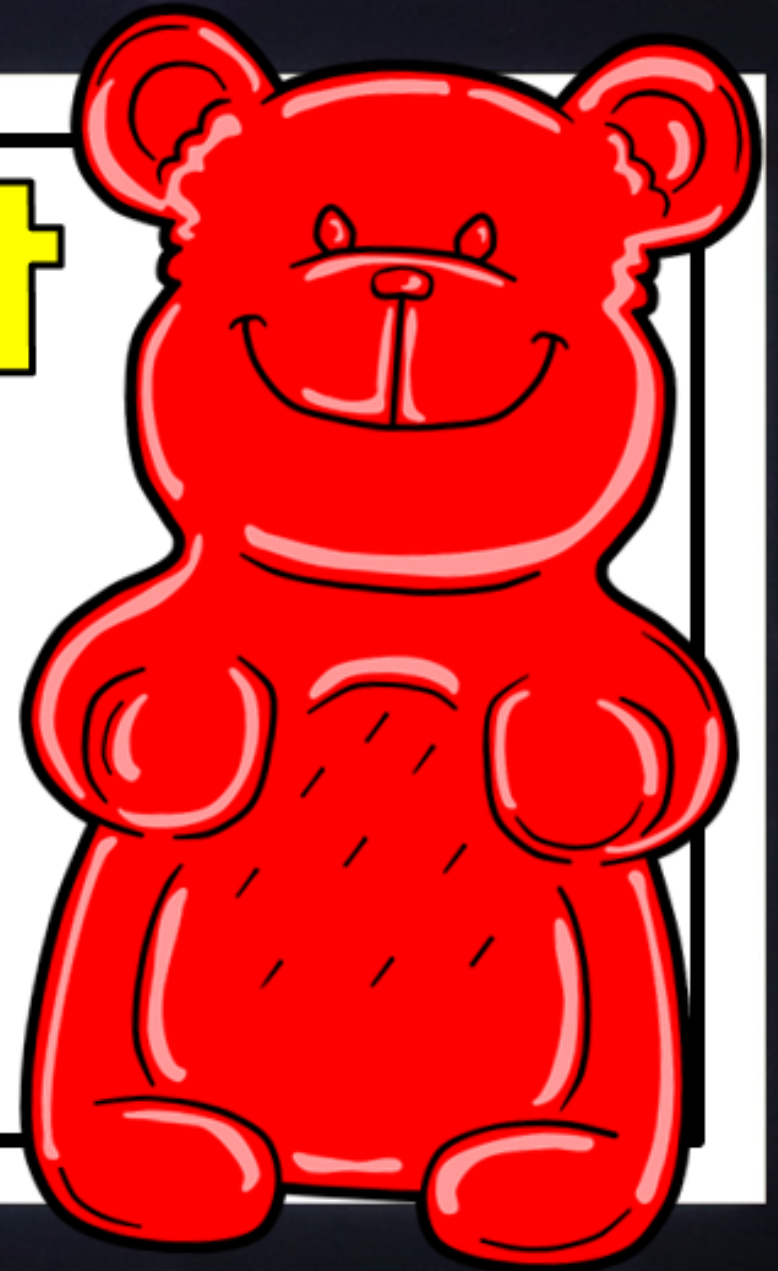
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Ready Set Show Wonka Multiplication



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Ready Set
Show
Wonka
Division

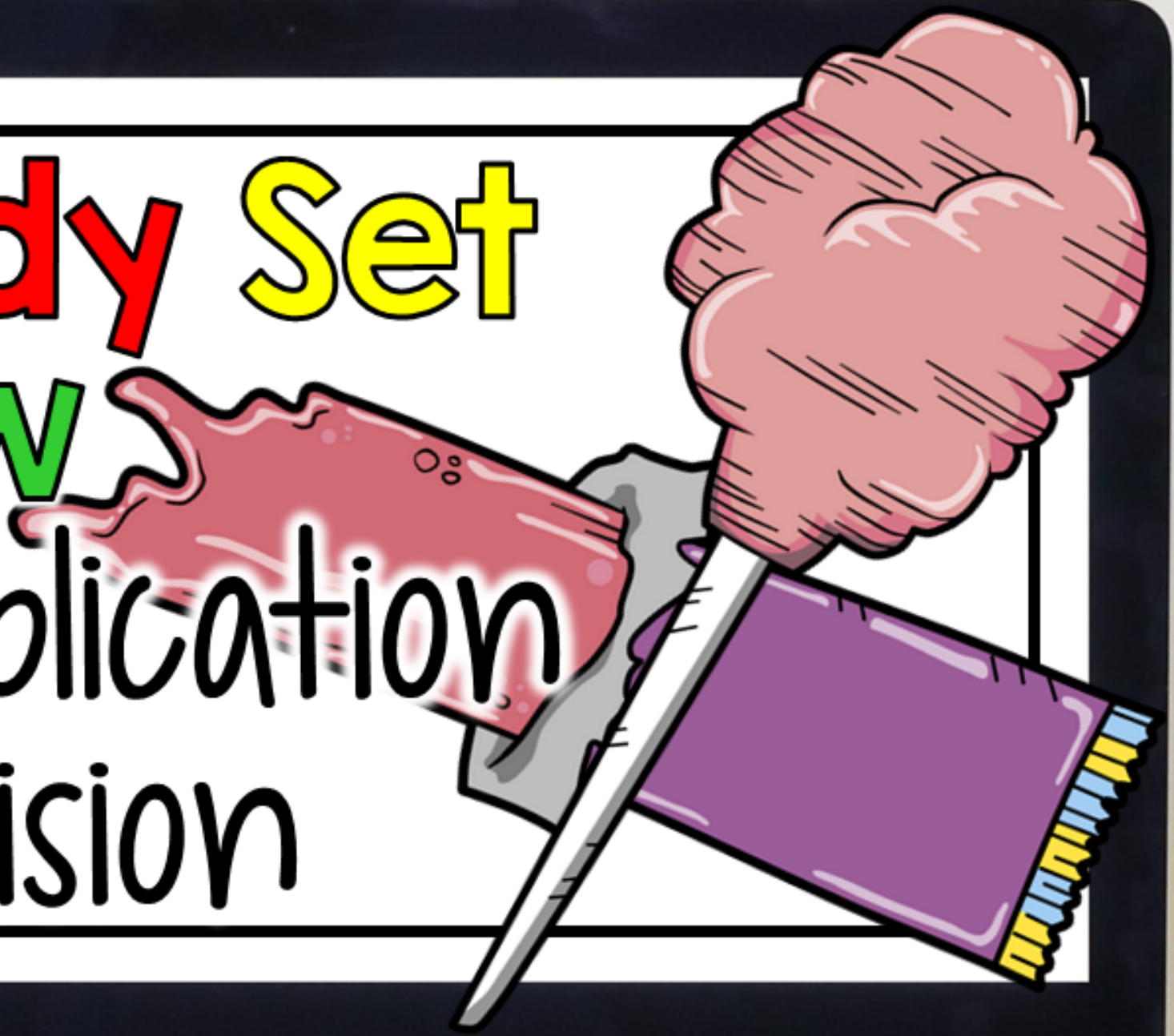


**Power-
Point &
Google
Slides**

Ready Set

Show

Multiplication
& Division



Power-
Point &
Google
Slides



Golden
Ticket
Printable

“Students loved doing these math activities as we read the novel. They were a great challenge and review of many of our concepts from the year. Thank you!”

Jennifer A.

“I used this as a companion to our book study. The kids had a blast doing math and logic as they read. We used much of it to also develop an understanding of basic economic principles that we were able to pick out during the movie.”

Melissa O.

**"I love how
common core is
used in these
activities. Kids
love Willy
Wonka! These
activities are sure
to be a hit!"**

Deborah A.



“I used this as an enrichment activity, and it was AWESOME! The students created the cutest, most detailed factories. It was perfect!”

Kaelyn O.

“This was a huge hit with my 2nd graders who are gifted in math. They devoured it! Many read the book to go with it! Highly recommend for 3-4th grade as well.”


Anna L.

**“This was so much fun!
My third graders did
this as one of our
closing activities after
finishing the book and
they loved it. They didn't
even realize they were
doing math!”**

**Journey Through
Elementary**

“My students loved this project. It was so fun to see all the creative rooms and designs each group came up with. It was a great project to include upon completion of reading Charlie and the Chocolate Factory and a fun way to review math skills from the year.”

Shannon T.



“My students literally cheer when I put this on the screen! It is an engaging way for me to quickly asses my students' understanding.”

Amy R.

“I loved using this resource with my students. I had them respond on their dry erase boards and it provided instant feedback. I was quickly able to see which students required more instruction and which ones had solidly mastered the skills.”

Melissa A.

“My students love playing Ready, Set, Show! I like the fact that I control how quickly the slides change - I can speed up for problems they should know and give more time for those that are a little more difficult. It’s a great way to reinforce addition facts while having fun.”

Shannan G.