

Sharing Pretzels for Snack

Launch Materials

M2C3 Project (2018)



How many sandwiches do you see in the picture?

How could you share these sandwiches among you and your friends?

How do you know your way of sharing sandwiches is fair?



How many cookies do you see in the picture?

How could you share these cookies among you and your friends?

How do you know your way of sharing cookies is fair?

Other possible questions:

What if you had a different number of friends?

What if you wanted to share these cookies with your family?

How many would you each get?

What other factors besides the number of cookies affect how many cookies each person gets?

Here is a giant container of pretzels

- What do you notice?
- What do you wonder?



What questions do you have that you could use mathematics to answer?

- What do you know that could help you answer these questions?
- What information would you need?
- What would you need to do?



What questions do you have that you could use mathematics to answer?

- What information do you need to find out how many pretzels each person gets?
- How will you use this information to figure out a fair way to share the pretzels?



TASK: SHARING PRETZELS

On Monday, your class gets a giant container of pretzels to share for snack time. You have snack every day, and you want the pretzels to last the whole week. What can you do to make sure the pretzels last all week? How can you figure out how many pretzels to give to each student? Make a plan to share the pretzels in a fair way over the week.

Your plan to share the pretzels must show how:

- the pretzels last for a week
- it is a fair plan
- you can use the plan in other sharing situations



TASK VARIATIONS

On Monday, your CLASS/SCHOOL gets a donation of [4, 9, 17, 25] giant containers of pretzels to share for snack time. You have snack every day. Make a plan to distribute the pretzels in a fair way over a [WEEK/MONTH].



PRETZEL PLAN Criteria

Your plan to share the pretzels must show how:

- the pretzels last for a week
- it is a fair plan
- you can use the plan in other sharing situations

You can use pictures, numbers and words to communicate your plan.