

Name _____



Meet Cash Daniels

Cash Daniels started learning about how humans can harm the environment when he was just seven years old! From recycling at home to cleaning up trash around the Tennessee River, Cash encourages young people to find a way they can make a difference in reducing the pollution of rivers.

Plastic Water Bottles are a Single-use Plastic

Cash talks about single-use plastics in the Rivers are Life documentary, *The Conservation Kid*. These are things made from plastic that we only use once before we throw them away. They crowd landfills and account for much of the plastic trash in our rivers and oceans.

MATH CONNECTION

1. 50 billion is a huge number! It has ten zeros. Write 50 billion as a number with the commas in the correct places.

2. If on average, a person uses 13 plastic water bottles a month, how many bottles would that be in a year?

ANSWER: A person uses _____ plastic bottles a year.

3. How many students are in your class? _____

4. If each student in your class and your teacher uses 13 plastic water bottles in a month, how many plastic water bottles would you all be using together in a month?

ANSWER: Your class could use _____ plastic bottles in a month.

Please use this box to show your math work.
Additionally, please use the back side of this sheet if more space is needed.



The good news is that by using a reusable water bottle, you can help reduce single-use waste.

We can refill reusable water bottles when we are at home, school, or out doing other activities. Many public buildings have water refill stations available.

Discuss in a Group

In a group of 3-4 students, think of other examples of single-use plastics that we use in daily life. Write a list of examples below. Your teacher will call on each group to share their list with the class.

MAKE A PLAN

Pick four of the examples shared and discuss an action you can take to reduce use of that single-use plastic. Write your plan in the chart below.

We can stop _____	Instead, we can _____
buying single-use water bottles	buy one reusable water bottle and carry it around with us

Conclusion

If more people work to reduce use of single-use plastics, we can reduce the amount of trash that ends up polluting our local water sources.