



# What's cooking?

**Are you feeling** extra hungry this month? Perhaps thinking of the more than fifty national food days that are celebrated in the month of October has tickled your taste buds. Let's work up an appetite with these word problems and learn about all the foods that our nation celebrates this month.

## Grades 5–6

WEEK 1

**Pasta Month** is when Tony's Italian Eatery ordered several different types of pasta for their month-long celebration. One box contains  $4\frac{1}{2}$  pounds of pasta. If  $\frac{1}{4}$  of the pasta is rotini, how many pounds of rotini pasta are in the box? If  $\frac{1}{8}$  of the pasta is penne, how many pounds of penne pasta are in the box? The remainder of the box is spaghetti. What fraction of the box is spaghetti, and how much does it weigh?



WEEK 2

**On National Gumbo Day**, Pauline is planning to have a big dinner party for her friends. The Creole people created this dish in southern Louisiana in the 18th century. Pauline's gumbo recipe calls for  $\frac{3}{4}$  tablespoon of Cajun seasoning for one batch. If Pauline wants to make  $10\frac{1}{4}$  batches of gumbo, how many tablespoons of cayenne pepper will she need? How many batches of gumbo could she make with 20 tablespoons of Cajun seasoning?

WEEK 3

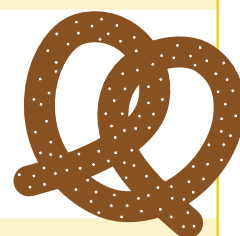
**National Chocolate Day** is Tonya's and Richard's favorite celebration. They each buy a chocolate bar that is the same exact size. Tonya's chocolate bar is divided into 16 equal pieces. Richard's chocolate bar is divided into 8 equal pieces. Tonya and Richard each eat 4 pieces of their chocolate bars. Do they have the same amount of chocolate left? Explain your answer and draw a picture to show how you found your solution. What fraction of Tonya's chocolate bar is left for her to eat later?


WEEK 4

**For National Dessert Month**, Carla's Bistro is featuring 3 desserts: chocolate cake, apple pie, and banana pudding. On Saturday night, 200 people dine at the bistro, and  $10\frac{1}{4}$  of the guests order chocolate cake,  $\frac{3}{8}$  order apple pie, and  $\frac{1}{8}$  order banana pudding. How many people order each featured dessert? If 400 people dine at the bistro on Sunday and eat the same amount of each dessert as people did the previous night, how many servings of banana pudding will the crowd eat on Sunday?

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<b>WEEK 1</b>	<b>National Chili Month</b> is celebrated in October, and Kendrick's grandmother is making chili for the family's dinner. Her recipe calls for $\frac{1}{2}$ cup of chili powder, and she asks her grandson to help measure the ingredients. Kendrick can find only a $\frac{1}{4}$ measuring cup in the drawer. How many $\frac{1}{4}$ measuring cups would he need to fill to measure out $\frac{1}{2}$ cup chili powder? How many $\frac{1}{4}$ measuring cups would Kendrick need to measure out 4 cups of chili powder for a larger batch of chili?
<b>WEEK 2</b>	<b>National Taco Day</b> will be observed in Tina's class with a party. The class has 25 students, and Tina was assigned to bring taco shells for the party. She has only \$10.00 to spend on the taco shells. If the shells are sold in packs of 5 and each pack costs \$1.50, does Tina have enough money to buy enough taco shells for all of her classmates? How much would it cost Tina to buy taco shells if each student wanted to eat 2 tacos at the party?
<b>WEEK 3</b>	<b>Pretzel Day</b> is celebrated in October, so Carlos and Maria are making homemade pretzels with their father. First they make the pretzel dough. The dough recipe says that they will need $\frac{1}{4}$ cup of flour for each pretzel they plan to make. If there are 12 people in Carlos and Maria's family, how many cups of flour will they need to make the pretzels? How many pretzels could they make with 8 cups of flour?
<b>WEEK 4</b>	<b>For Pizza Festival Month</b> , Jenny is having a pizza party at her house. Each pizza is cut into 8 equal pieces. If Jenny eats 4 pieces of pizza, what fraction of the whole pizza will she eat? If her friend Kathryn eats $\frac{1}{4}$ of a pizza, how many pieces will she eat? Which friend will eat more pizza, Jenny or Kathryn?



<b>WEEK 1</b>	 <b>National Apple Month</b> is observed in October, when apples are harvested. To celebrate this special event, Mrs. Jacobs brought in red, green, and yellow apples for her class of 10 students. She gave each student 1 red, 1 green, and 1 yellow apple to take home. How many apples did Mrs. Jacobs have to buy for her class? If she decided to give each student 2 red apples, 2 green apples, and 2 yellow apples, how many apples would Mrs. Jacobs need to buy?
<b>WEEK 2</b>	<b>For National Egg Day</b> , Adriana is celebrating by decorating eggs and giving them to her friends. Adriana decorates 10 eggs for her friends Jillian and Paul. How many eggs should she give each friend so they will have the same number? If Jillian decided to give 2 of her eggs to Paul, how many would Paul have then?
<b>WEEK 3</b>	<b>For National Popcorn Month</b> , Mr. Sawyer is having a popcorn and movie party for his class. Each student will get a bag of popcorn to eat during the movie. If each student gets 2 scoops of popcorn in his or her bag, how many scoops will it take to fill bags for 5 students? How many scoops will it take to fill bags for 7 students?
<b>WEEK 4</b>	<b>National Potato Day</b> is celebrated at Kelly's Baked Potato House by giving out free baked potatoes to all their customers. Jeremy and Sean decide to share one because they are not very hungry. Using the picture, show where the boys should cut their baked potato so they both have the same amount to eat. If Sean's little brother decides to come with them, how could the boys cut 1 potato into 4 pieces that are the same size?

