



4th
Basic

5th- 6th
Advanced

Helping With Math

USA
GRADES

Addition of Multi-Digits Numbers

*Suitable for students
aged 8-11*



This pack is suitable for learners aged 8-11 years old or 4th, 5th and 6th graders (USA). The content covers fact files and relevant basic and advanced activities involving multi-digits addition.

Did you know that the National Nutrition Month is celebrated every March? It is created by Academy of Nutrition and Dietetics.

**National
Nutrition
Month**



I take 1,450
calories
today. How
about you?

I take 1,528
calories
today.

Question:
What is the total
calories that they
both intake?



2,978 calories



ADDITION OF MULTI-DIGIT NUMBERS



In adding multi-digit numbers:

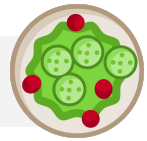
place the larger addends above the other and write the smaller addends below.

Match up their place value to get the right sum.

If the sum is larger than 9, carry the number out to the next place value.



Adding multi-digit numbers without regrouping...



	7	3	2	2
+	1	3	1	0
<hr/>				

Start adding from the ones, tens, hundreds, to thousands column.

8	6	3	2
	,		

After getting the sum, place comma (,) in the third number to the left if the sum is larger than 3 digits.



Adding multi-digit numbers with regrouping...



	3	4	2	7
+	1	2	3	8
<hr/>				
	4	6	5	5

As you can see, 7 added to 8 is 15. We have to carry the 1 to the tens place and put the 5 to the ones column of the sum. Then, continue adding and applying it.

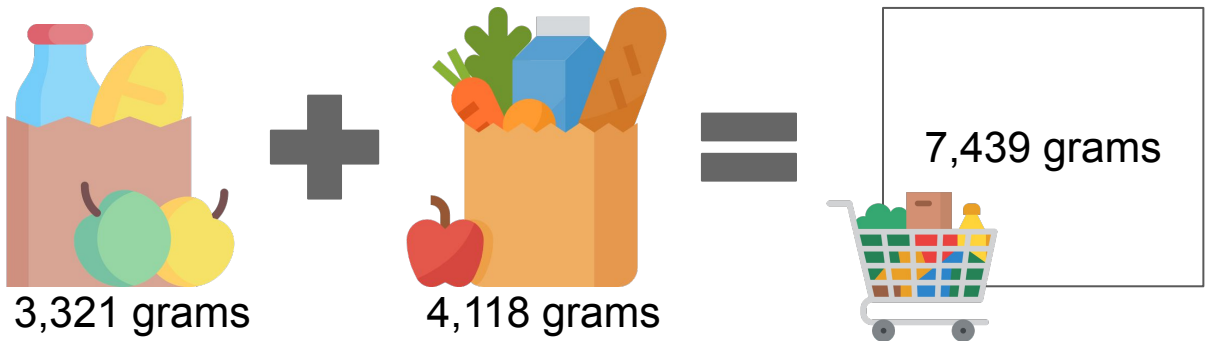


ADDITION OF MULTI-DIGIT NUMBERS

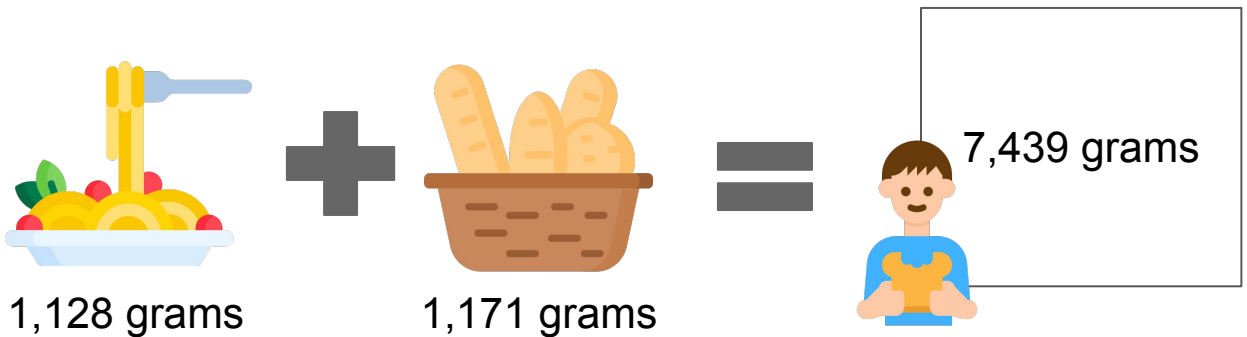


We are using addition of multi-digits in our daily lives. When we buy foods in the supermarket, we calculate the total price of what we buy, so we are using addition!

The total weight of the 2 grocery bags is...



Most of the calories are from these grams of carbohydrates..



Did you know?

Strawberries contain more Vitamin C than oranges.



What is the sum when 5,734 is added to 2,236?

$$\begin{array}{r} 5,734 \\ + 2,236 \\ \hline \end{array}$$



TABLE OF ACTIVITIES

Ages 8-9 (Basic) <u>4th Grade</u>	
1	Let's stay hydrated!
2	Fruity Salad
3	Flavorful Juice
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5	The more the seeds, the merrier!
Ages 9-11 (Advanced) <u>5th & 6th Grade</u>	
6	Pick Healthier
7	Food Donation Campaign
8	What's on your plate?
9	Free Food Coupons
10	Nutrition Facts



LET'S STAY HYDRATED!

G4
Basic

Up to 60% of the body is water. Let's sum up the glasses of water we are drinking everyday!

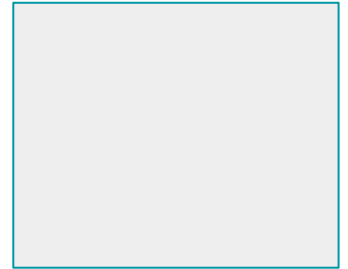
1.



1,182 ml



1,892 ml



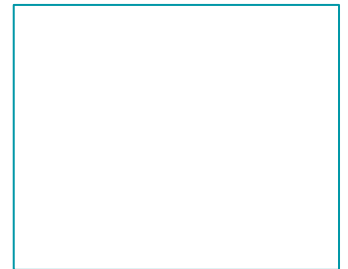
2.



2,839 ml



1,432 ml



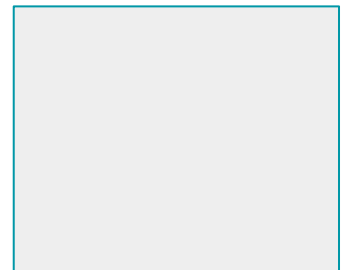
3.



8,569 ml




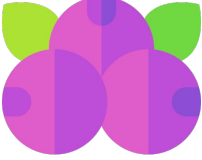
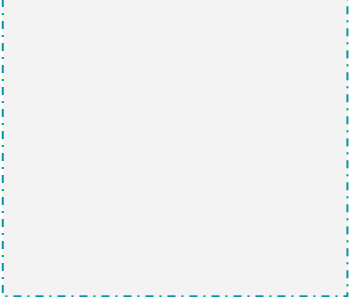
1,198 ml




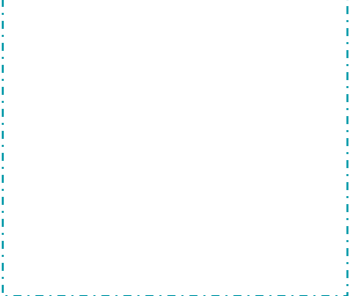
FRUITY SALAD

G4
Basic

Fruits are excellent source of essential vitamins and minerals. Color the fruits that we need in our fruit salad while having fun adding multi-digit numbers!

1.  +  = 


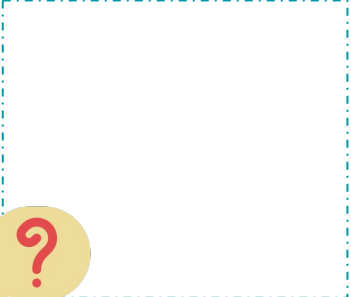
1,711 plums 1,654 blueberries

2.  +  = 

1,109 slices of orange 1,423 slices of watermelon

3.  +  = 

3,132 slices of pineapple 2,238 slices of kiwi

1.  +  = 

3,132 cherries 2,238 grapes



FLAVORFUL JUICE

G4
Basic

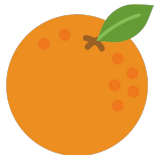
Fruit juice strengthens your immune system. Add the main ingredients of fruit juices in Column A and match them in Column B's finish product. Show your solution in the box below.

Column A



1,118 ml
of apple juice

7,298 ml water



1,091 ml
of orange juice

13,119 ml water



13,007 ml
of pineapple juice

23,679 ml
water

Column B



36,686



8,416



14,210

Solution:

NUTRITIOUS CODES

G4
Basic

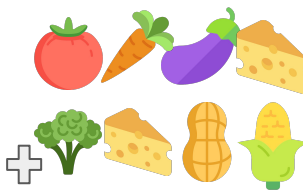
These are examples of nutritious foods that you must eat. Use the codes and add the numbers below.



0	1	2	3	4	5	6	7	8	9

1.

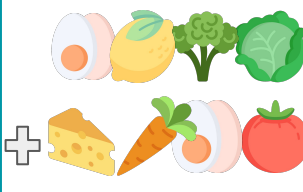
Real Numbers



+

2.

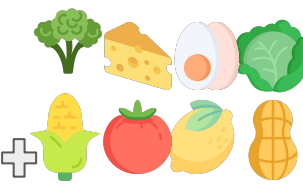
Real Numbers



+

3.

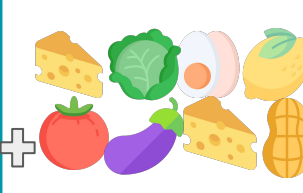
Real Numbers



+

4.

Real Numbers



+



THE MORE THE SEEDS, THE MERRIER!

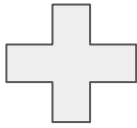
G4
Basic

Seeds are great sources of fiber. Let's count and sum up the seeds and beans that the farmers harvested!

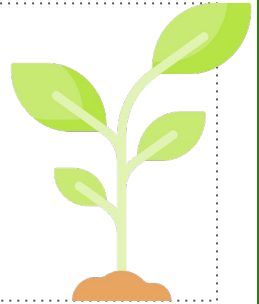
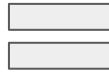
1. The farmers harvested 23,576 coffee beans in the morning and 34,172 soy beans in the afternoon. What is the total number of beans that they harvested at the end of the day?



23,576



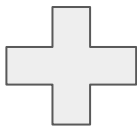
34,172



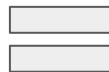
2. The farmers delivered cranberry beans and black turtle beans in the factory via trucks. The first truck delivered 98,192 of cranberry beans while the second truck delivered 87,141 black turtle beans. What is the total number of beans that they delivered in the factory?



98,182



87,141



Did you know?
Dragon fruit have more seeds than the other fruits.



PICK HEALTHIER

G5 - G6
Advanced

Are you good enough to pick the right foods to eat that are healthy? Apply it in adding multi-digit numbers. Cut and paste the POTATOES if the answer is right and CHIPS if the answer given is wrong.

1,238



8,987



10,765



5,121



30,294



35,415



12,456



18,190



30,646



123,129



223,124



354,254



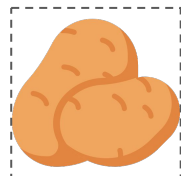
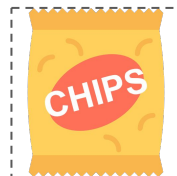
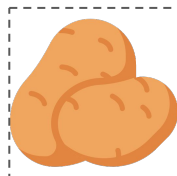
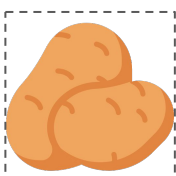
103,578



111,980



115,468



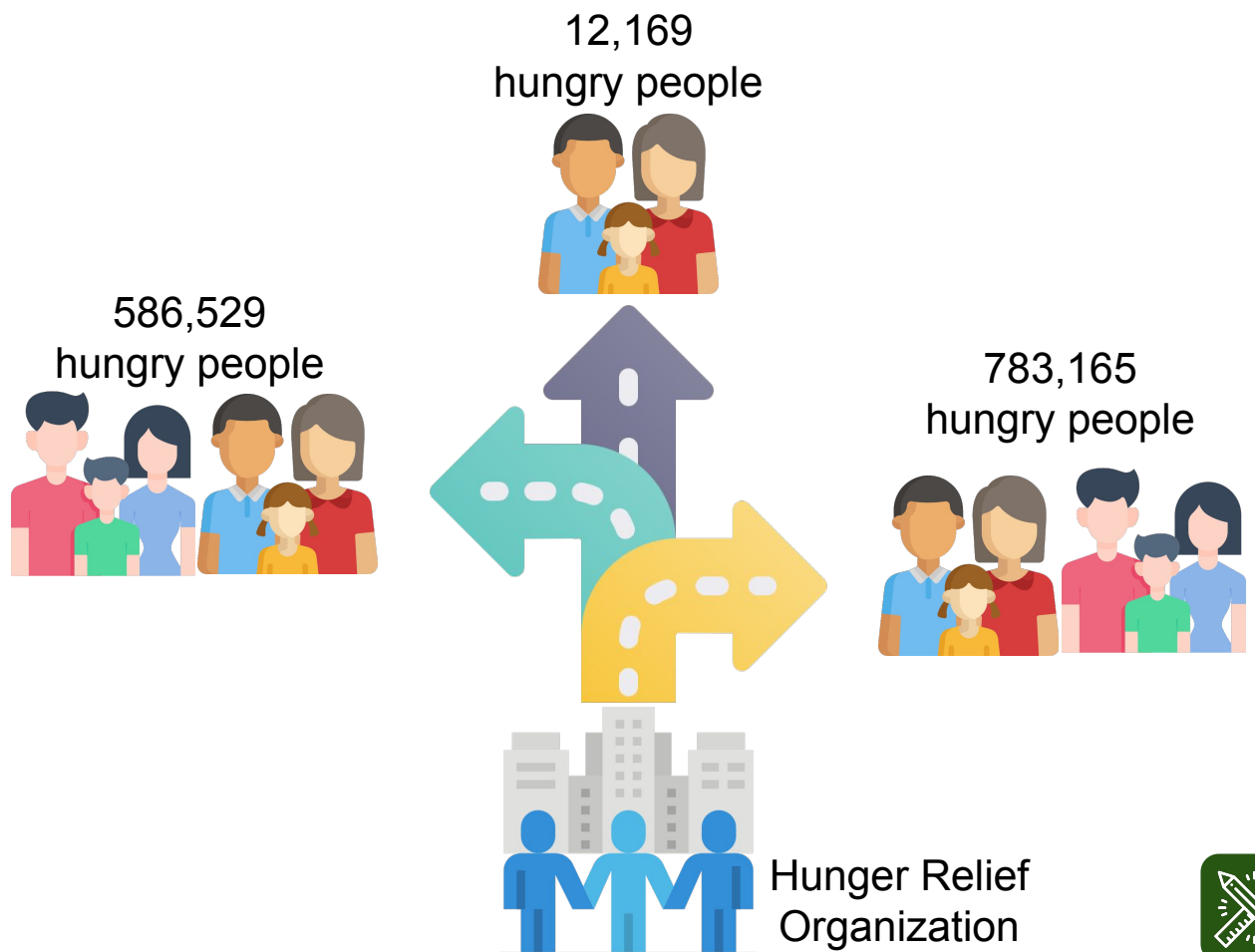
FOOD DONATION CAMPAIGN

G5 - G6
Advanced

8.9% of people around the world are experiencing hunger. Fight hunger! Join our event on giving healthy foods with our Hunger Relief Organization.

Hunger Relief Organization is giving out free healthy foods for hungry people in the three towns. What is the total distribution of free meals in these three towns?

Solution and answer:



WHAT'S ON YOUR PLATE?





G5 - G6
Advanced

Eating healthy foods is good for our health. Sum up the given addition sentences and color it with the exact answers. Using your answers, you will find out what you need to eat on your plate to be nutritious!

1. $851,249$
+ $213,253$

2. $981,543$
+ $523,589$

3. $764,419$
+ $12,193$

1,256,076	1,064,502	776,612	1,505,132
Grains 	Vegetables 	Fruits 	Proteins 



FREE FOOD COUPONS

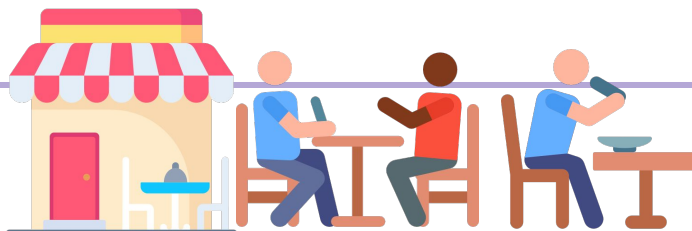
G5 - G6
Advanced

With the celebration of National Nutrition Month, MC Restaurant is giving free coupons! Let's help them know the total coupons that they are giving away.

1. MC Restaurant is giving away free coupons. Last week, they gave away 216,976 coupons for their regular customers. This week, they already gave away 198,764 coupons. And today, they already gave away 19,765 coupons. How many food coupons they have already handed out?

Addition Sentence:

Solution and answer:



2. Last week, 209, 321 customers used the coupons that they received to buy foods from MC Restaurant. This week 129,689 customers used the coupons. And today, 17,236 customers already used the coupons. What is the total coupons used by the customers?

Addition Sentence:

Solution and answer:



NUTRITION FACTS

G5 - G6
Advanced

Milk is one of the most nutritious drinks in the world. Learn with the milk's nutrition facts and sum the nutrients we get from it!

Nutrition Facts

42 servings per container

Amount per serving

Calories **190**

Saturated Fat 132,982 mg

Trans Fat 187,163 mg

Total Fat mg

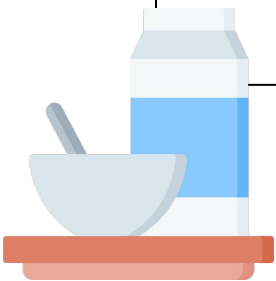
Vitamin B12 212,109 mg

Calcium 528,091 mg

Protein 412,795 mg

Total nutrients of vitamins and minerals:

mg



ANSWER GUIDE

Activity 1

1. 3, 074 2. 4, 271 3. 9,767

Activity 2

1. 3,365 2. 2,532 3. 5,370 4. 5,361

Activity 3

1. 8,416 2. 14,210 3. 36,686

Activity 4

1. 5,274 2. 5, 879 3. 9,436 4. 4,267

Activity 5

1. 57, 748 2. 185,323

Activity 6

1. CHIPS 4. CHIPS
2. POTATOES 5. POTATOES
3. POTATOES

Activity 7

1. 1, 381, 863 hungry people

Activity 8

1. 1,064, 052 2. 1, 505, 132 3. 776,612

Activity 9

1. 435,505 2. 356,246

Activity 10

1. 320, 145 2. 1,152,995



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