Subtractionville

Teach Grow Sow

Use this project to wrap up a unit on subtraction with regrouping. You can take time to discuss city planning, read a book about different roles in a city, or assign each page to a student who already has high interest in a particular topic listed, (and thus much of the background knowledge needed to write a math question related to the topic). You can also use this to follow a Social Studies lesson on city planning, with students who are already familiar with regrouping in subtraction.

To add an artistic element, have children use empty tissue boxes and recyclable/scrap materials to design a diorama. When put all together, the dioramas will create a miniature town: Subtractionville.

Subtractionville: Rubric

Teach Grow Sow

/100	Name: _____
/10	Used time wisely
/10	Wrote neatly
/10	Wrote about topic assigned
/10	Used math clue words
/10	Word problem makes sense
/10	Ends in a question
/10	Used regrouping (2 points each one)
/10	Solved word problem correctly
/10	Labeled parts and whole correctly
/10	Diorama

Subtraction:
Whole – Part = Part

Teach Grow Sow

Subtraction Words

Minus
Greater than
Take away
Fewer (than)
Less (than)
Remaining
How many did not…
Change
Difference
How much/many left
How much/many more
Longer/shorter/taller/etc.
Subtract
Decreased
Reduce by

Most subtraction word problems follow one of two formats.

One group decreases and the answer is what is left:
There were 6 bears in the forest. 4 bears went away. How many bears are left? 6-4=2
OR
There are two groups being compared:
There were 6 bears in the forest and 4 foxes. How many more bears than foxes? 6-4=2

Subtractionville: Museum

Teach Grow Sow

Write a 6-digit subtraction problem with regrouping about the museum's art collection:

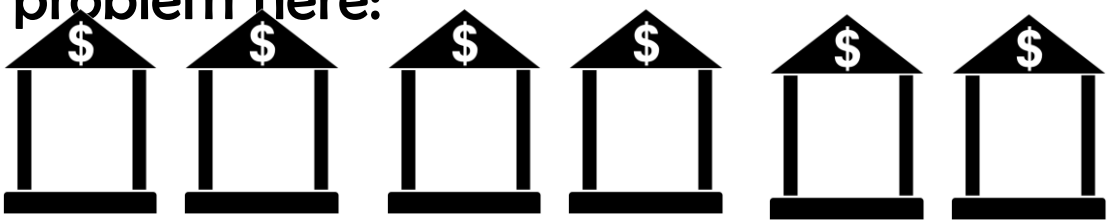
_____

_____

_____

_____

Solve the problem here:



–						

Label the parts and whole (with numbers and a word or picture):

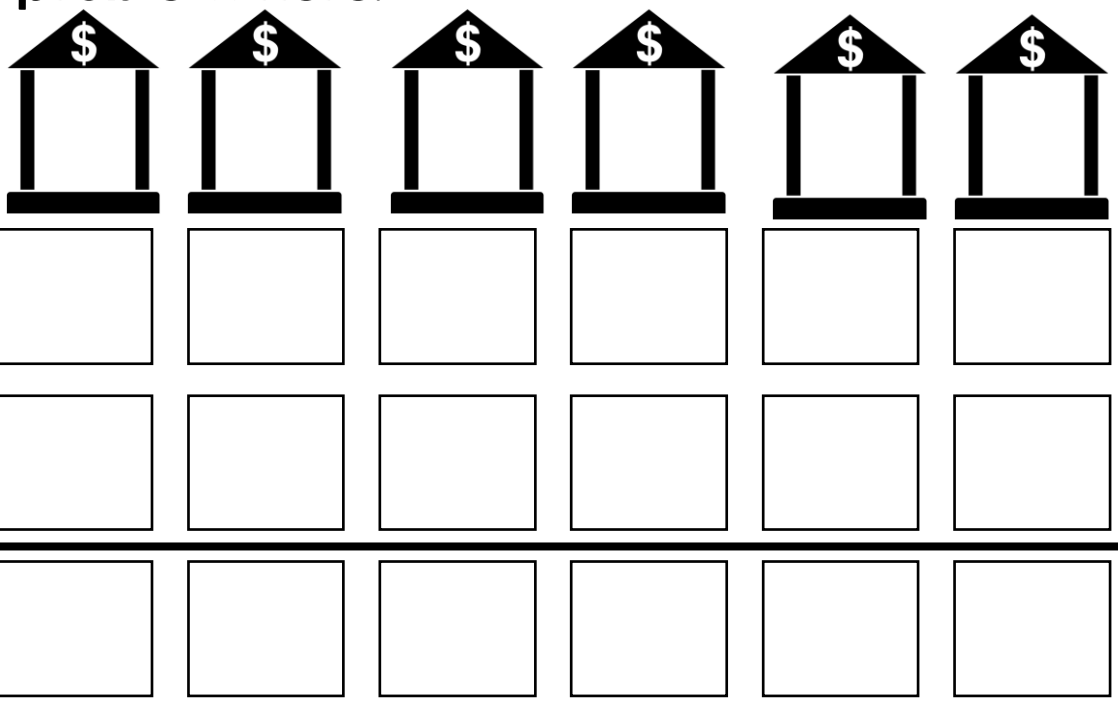
Part	Part
Whole	

Subtractionville: Movie Theater

Teach Grow Sow

Write a 6-digit subtraction problem with regrouping about the movie theater's ticket sales:

Solve the problem here:



Label the parts and whole (with numbers and a word or picture):

Part	Part
Whole	

Subtractionville: Grocery Store

Teach Grow Sow

Write a 6-digit subtraction problem with regrouping about the grocery store's stock:

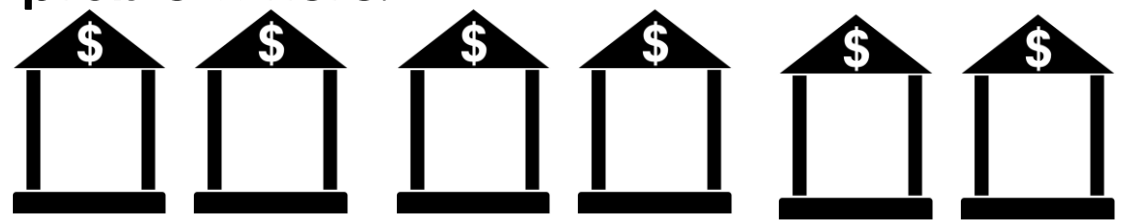
_____

_____

_____

_____

Solve the problem here:



−						

Label the parts and whole (with numbers and a word or picture):

Part	Part
Whole	

Subtractionville: Elementary School

Teach Grow Sow

Write a 6-digit subtraction problem with regrouping about the elementary school's classes:

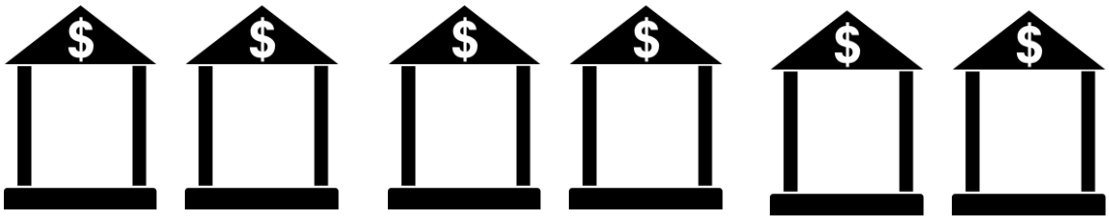
_____

_____

_____

_____

Solve the problem here:



−						

Label the parts and whole (with numbers and a word or picture):

Part	Part
Whole	

Subtractionville: Restaurant

Teach Grow Sow

Write a 6-digit subtraction problem with regrouping about the restaurant's reservations:

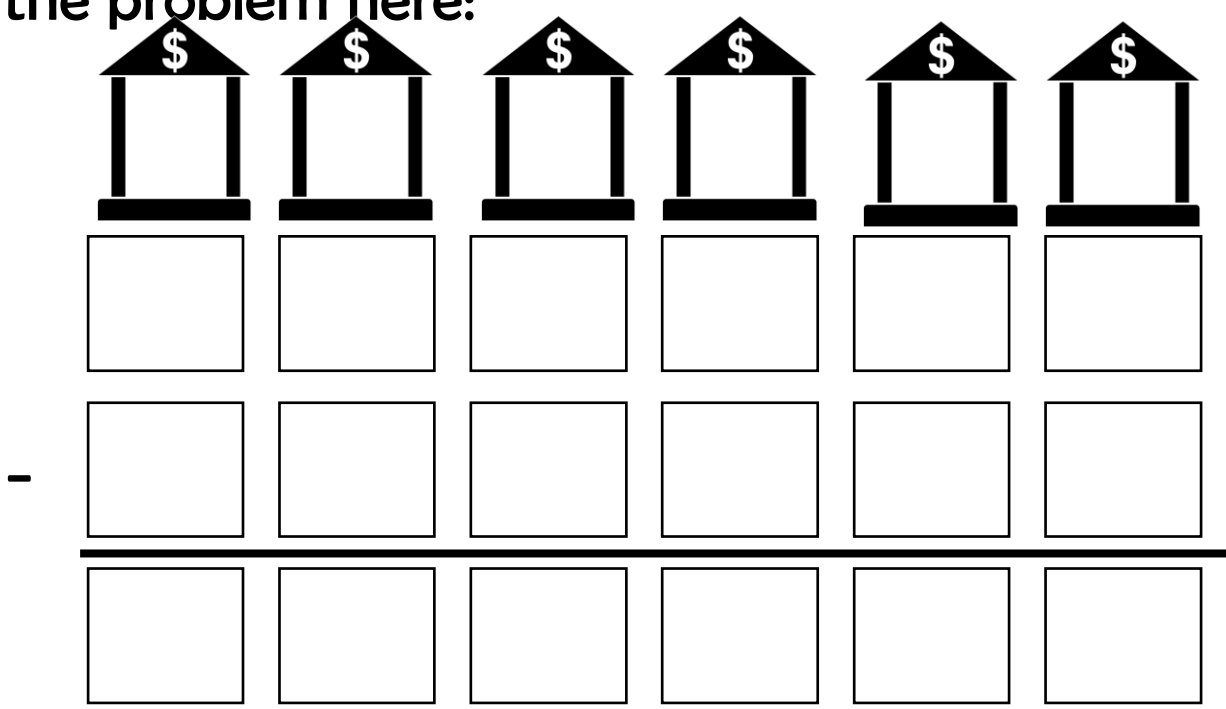
_____

_____

_____

_____

Solve the problem here:



Label the parts and whole (with numbers and a word or picture):

Part	Part
Whole	

Subtractionville: Animal Shelter

Teach Grow Sow

Write a 6-digit subtraction problem with regrouping about the shelter's animals:

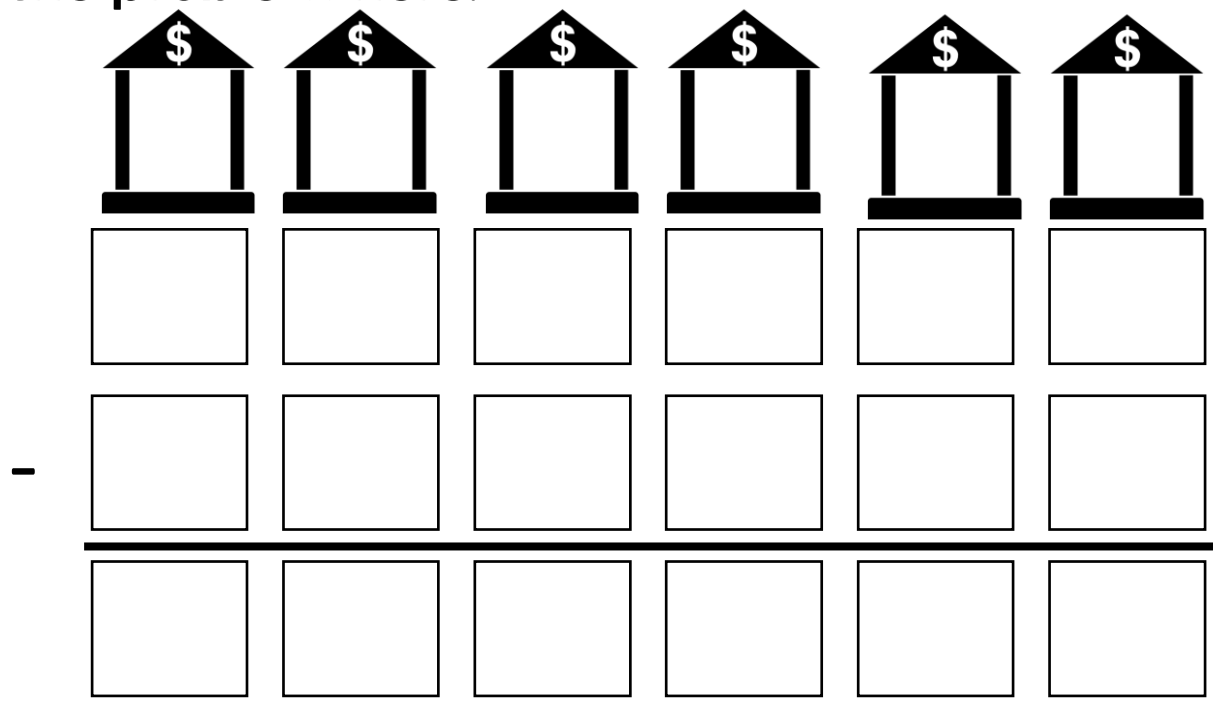
_____

_____

_____

_____

Solve the problem here:



Label the parts and whole (with numbers and a word or picture):

Part	Part
Whole	

Subtractionville: Parks Department

Teach Grow Sow

Write a 6-digit subtraction problem with regrouping about the parks department's programs:

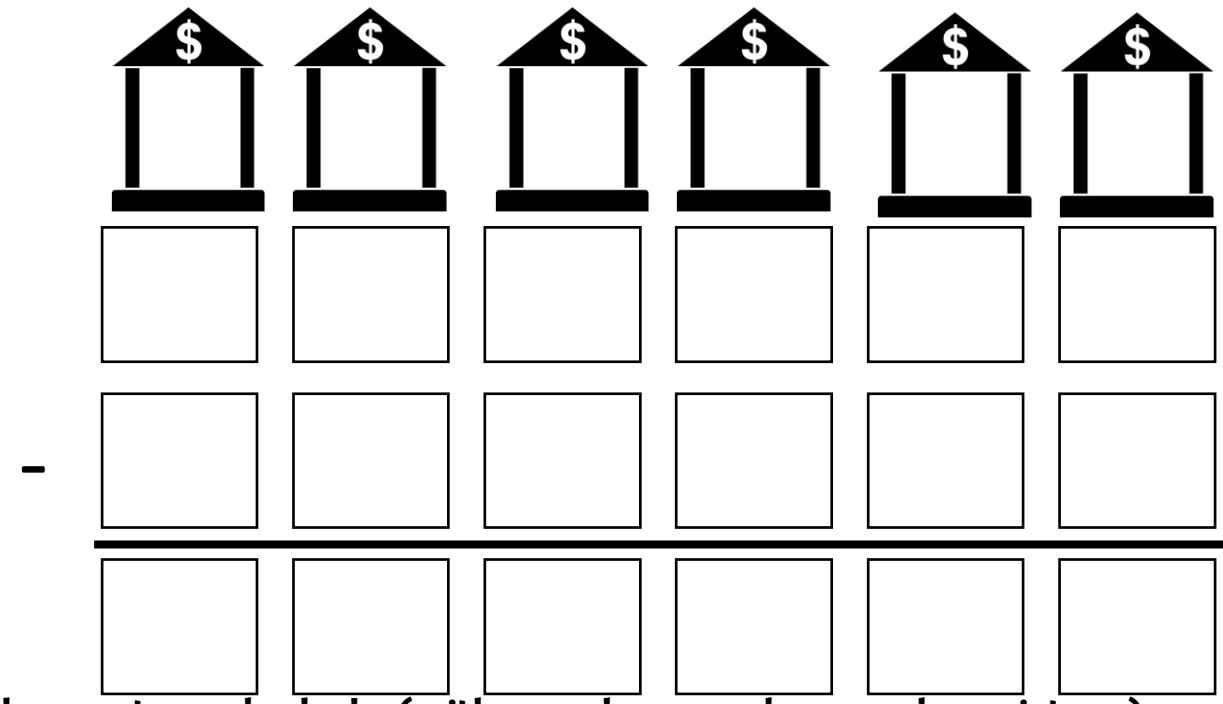
_____

_____

_____

_____

Solve the problem here:



Label the parts and whole (with numbers and a word or picture):

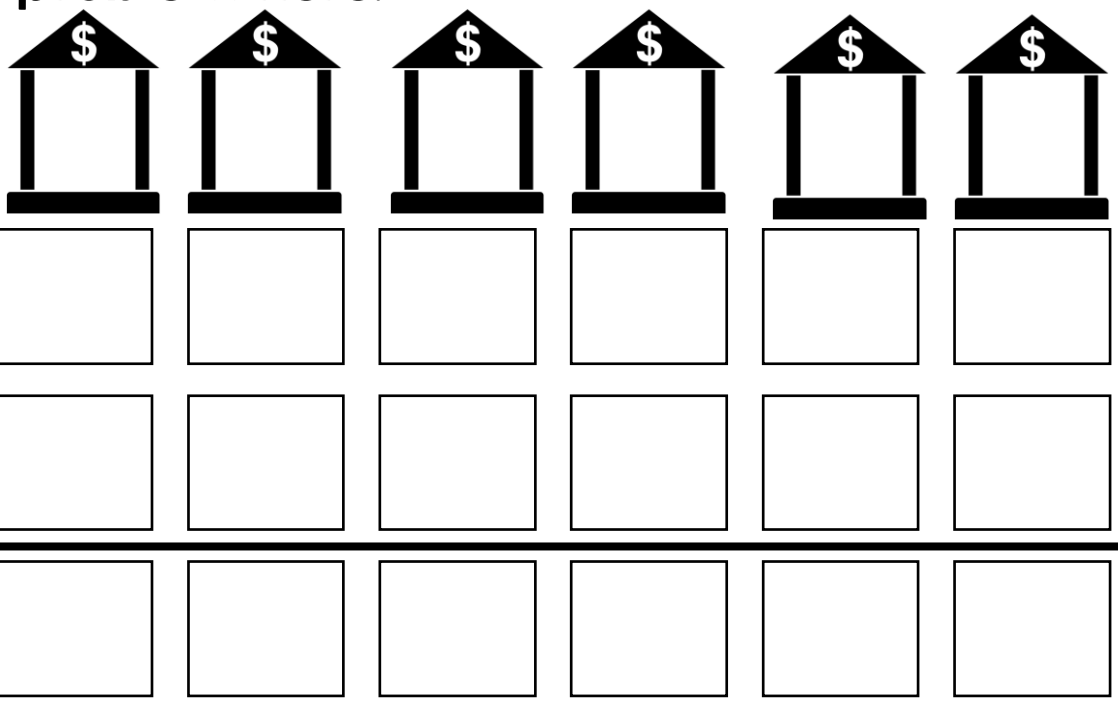
Part	Part
Whole	

Subtractionville: Softball League

Teach Grow Sow

Write a 6-digit subtraction problem with regrouping about the softball league's season:

Solve the problem here:



Label the parts and whole (with numbers and a word or picture):

Part	Part
Whole	

Subtractionville: Florist

Write a 6-digit subtraction problem with regrouping about the florist's flower arrangements:

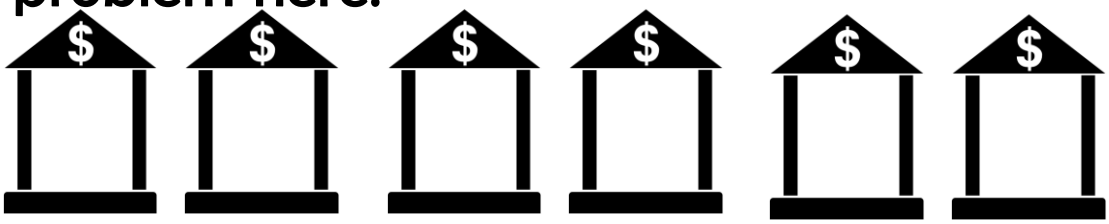
_____

_____

_____

_____

Solve the problem here:



−

Label the parts and whole (with numbers and a word or picture):

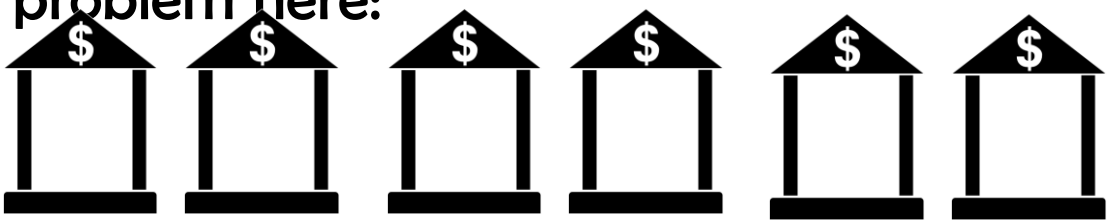
Part	Part
Whole	

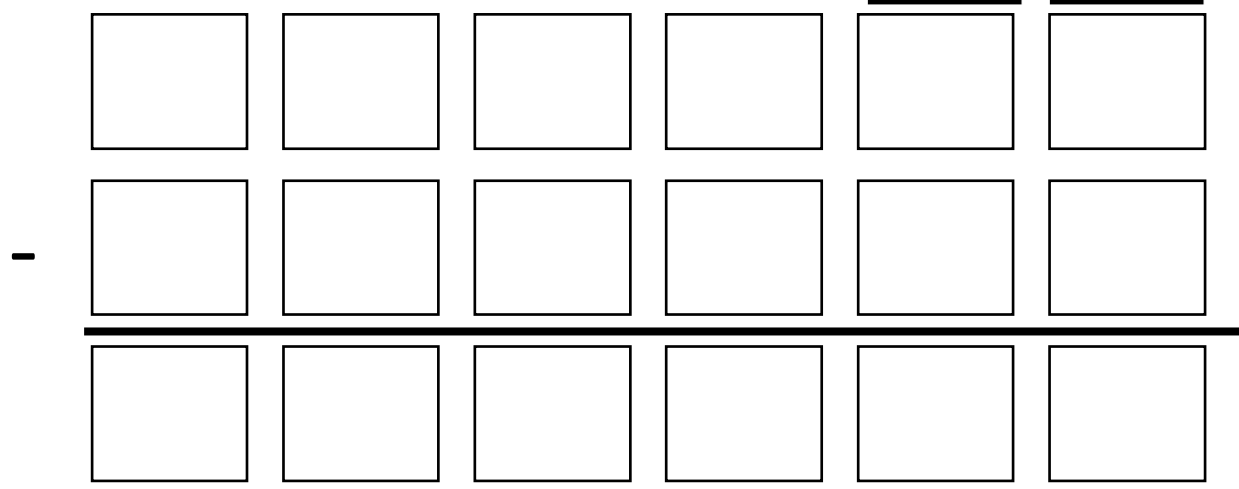
Subtractionville: Bakery

Teach Grow Sow

Write a 6-digit subtraction problem with regrouping about the bakery's delicious treats:

Solve the problem here:





Label the parts and whole (with numbers and a word or picture):

Part	Part
Whole	

Subtractionville: Clothing Store

Teach Grow Sow

Write a 6-digit subtraction problem with regrouping about the clothing store's sales:

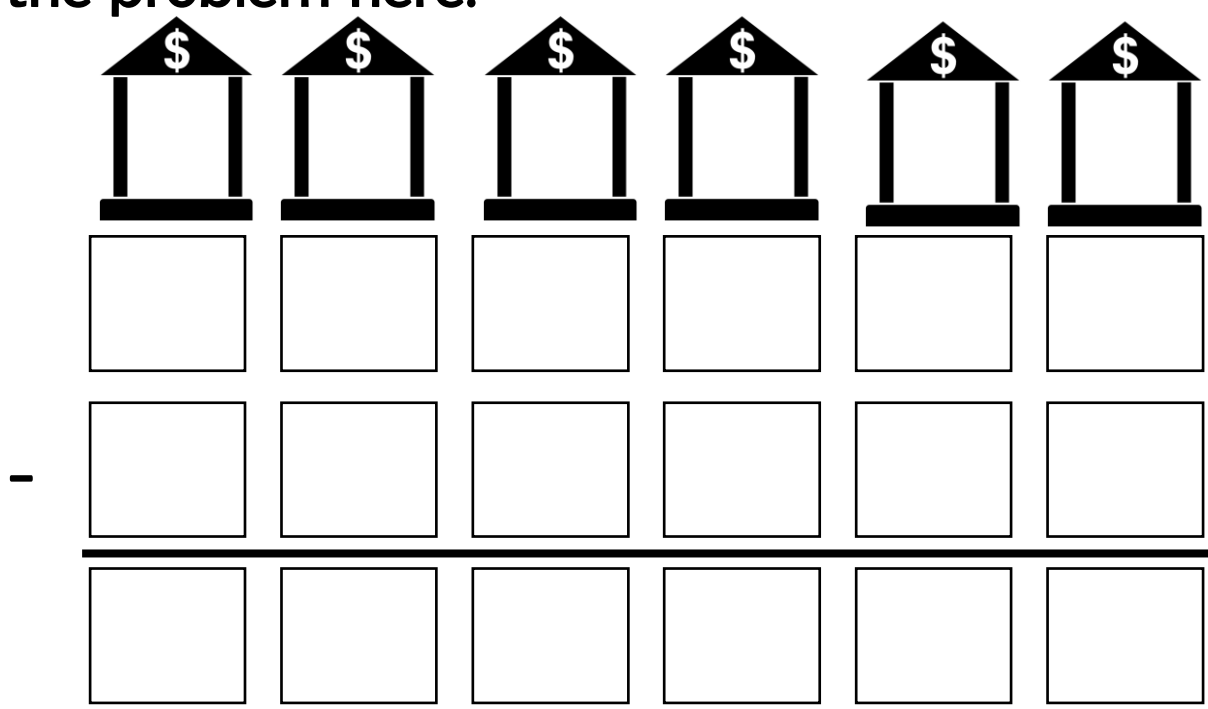
_____

_____

_____

_____

Solve the problem here:



Label the parts and whole (with numbers and a word or picture):

Part	Part
Whole	

Subtractionville: Community Center

Write a 6-digit subtraction problem with regrouping about the community center's programs:

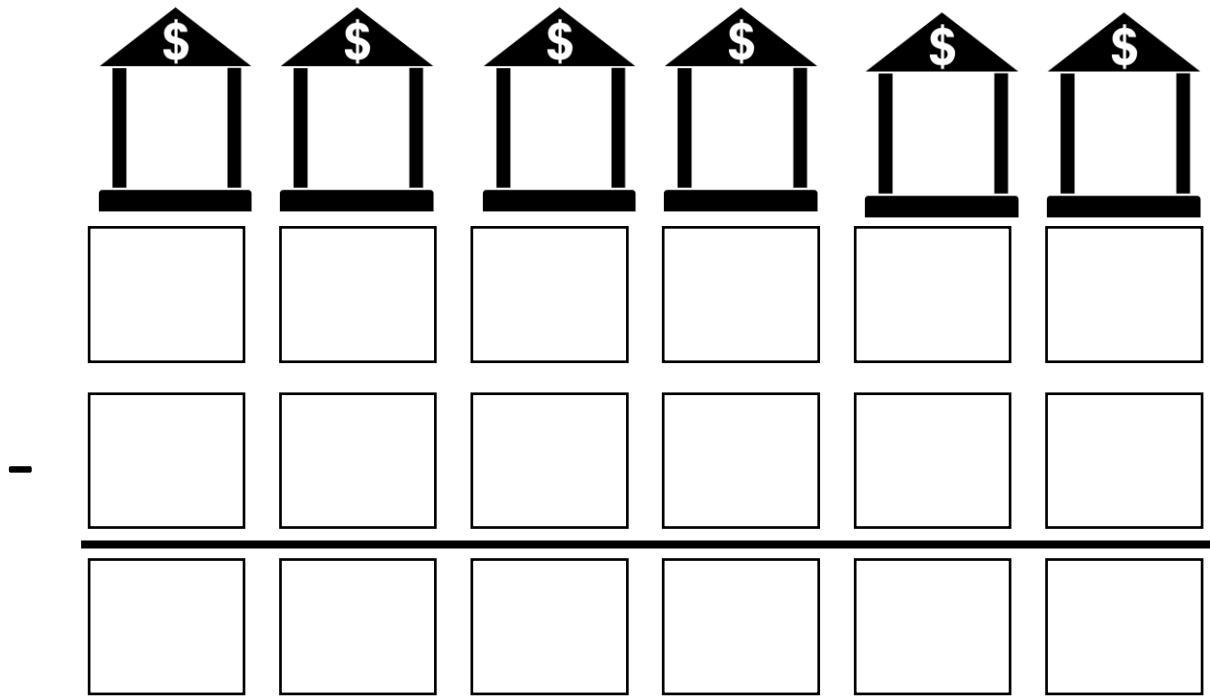
_____

_____

_____

_____

Solve the problem here:



Label the parts and whole (with numbers and a word or picture):

Part	Part
Whole	

Subtractionville: Shoe Store

Teach Grow Sow

Write a 6-digit subtraction problem with regrouping about the shoe store's sales:

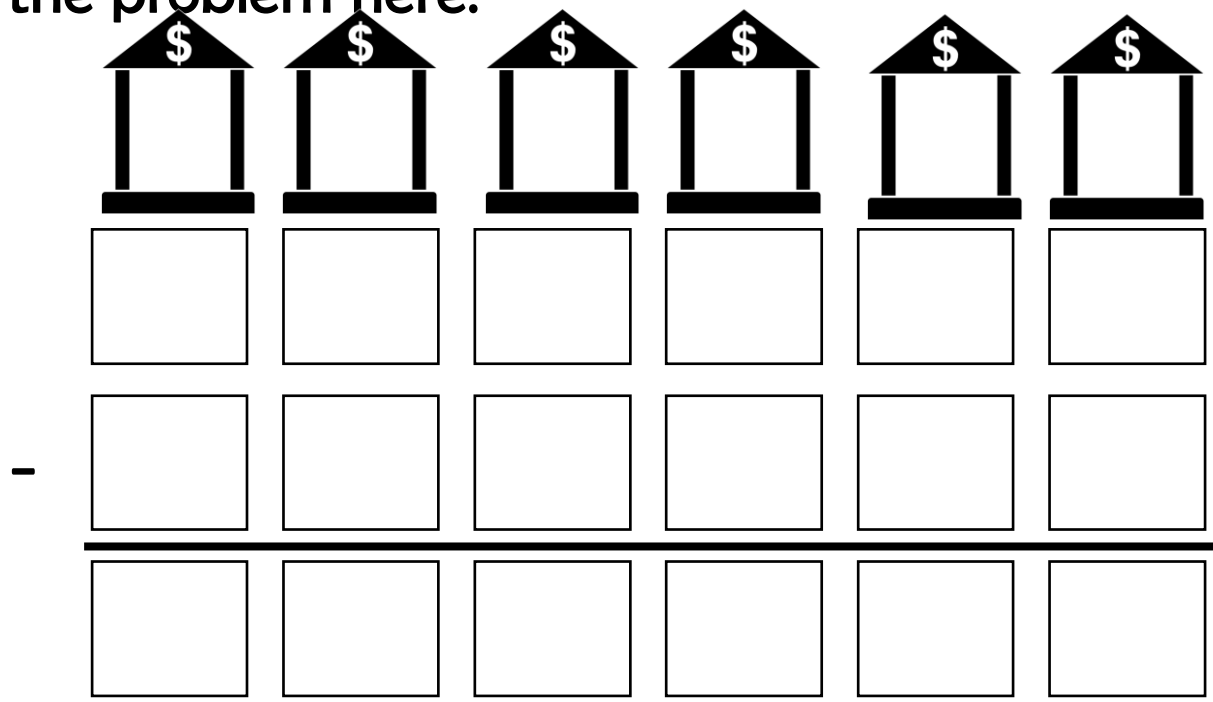
_____

_____

_____

_____

Solve the problem here:



Label the parts and whole (with numbers and a word or picture):

Part	Part
Whole	

Subtractionville: Gas Station

Teach Grow Sow

Write a 6-digit subtraction problem with regrouping about the cars that come to the gas station:

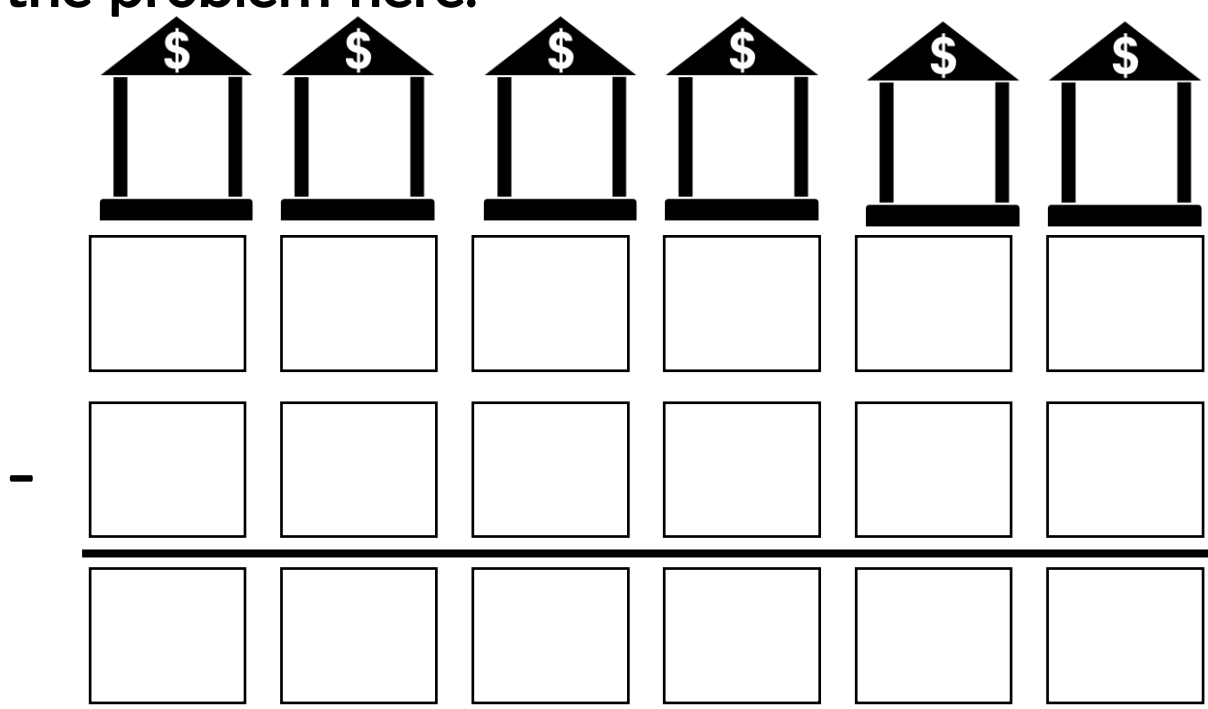
_____

_____

_____

_____

Solve the problem here:



Label the parts and whole (with numbers and a word or picture):

Part	Part
Whole	

Subtractionville: Doctor Office

Teach Grow Sow

Write a 6-digit subtraction problem with regrouping about the doctor's patients:

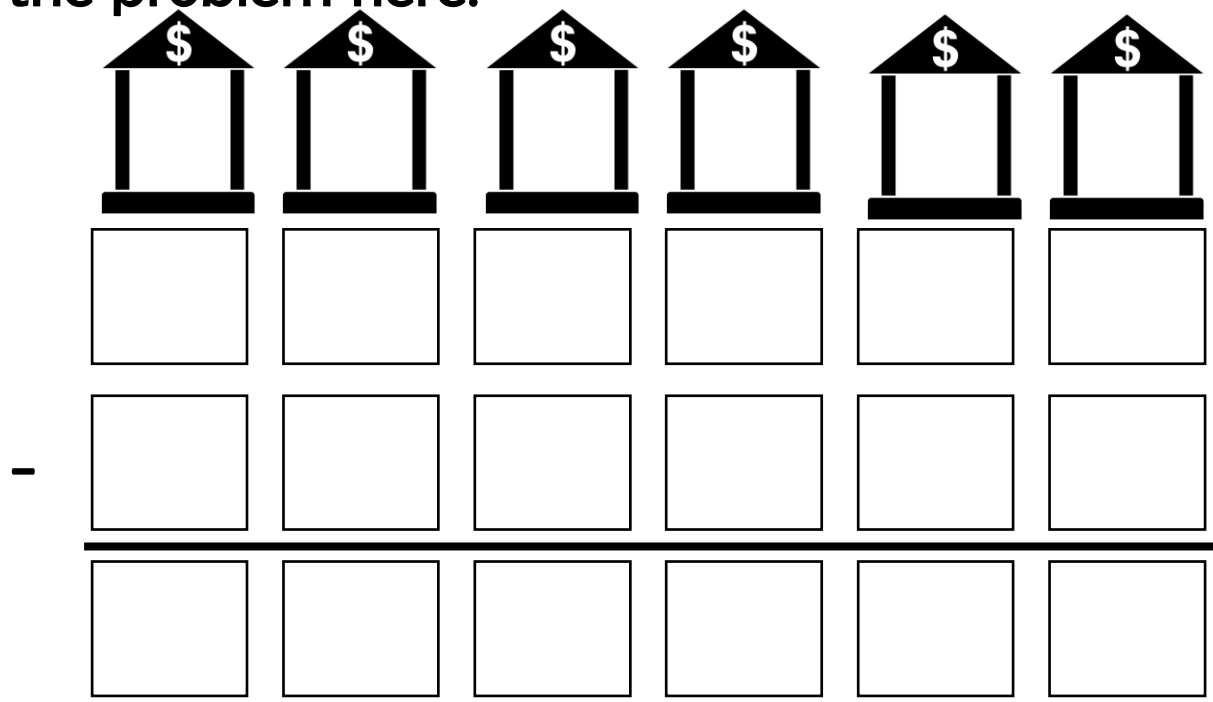
_____

_____

_____

_____

Solve the problem here:



Label the parts and whole (with numbers and a word or picture):

Part	Part
Whole	

Subtractionville: Veterinarian

Write a 6-digit subtraction problem with regrouping about the animals that come to the vet:

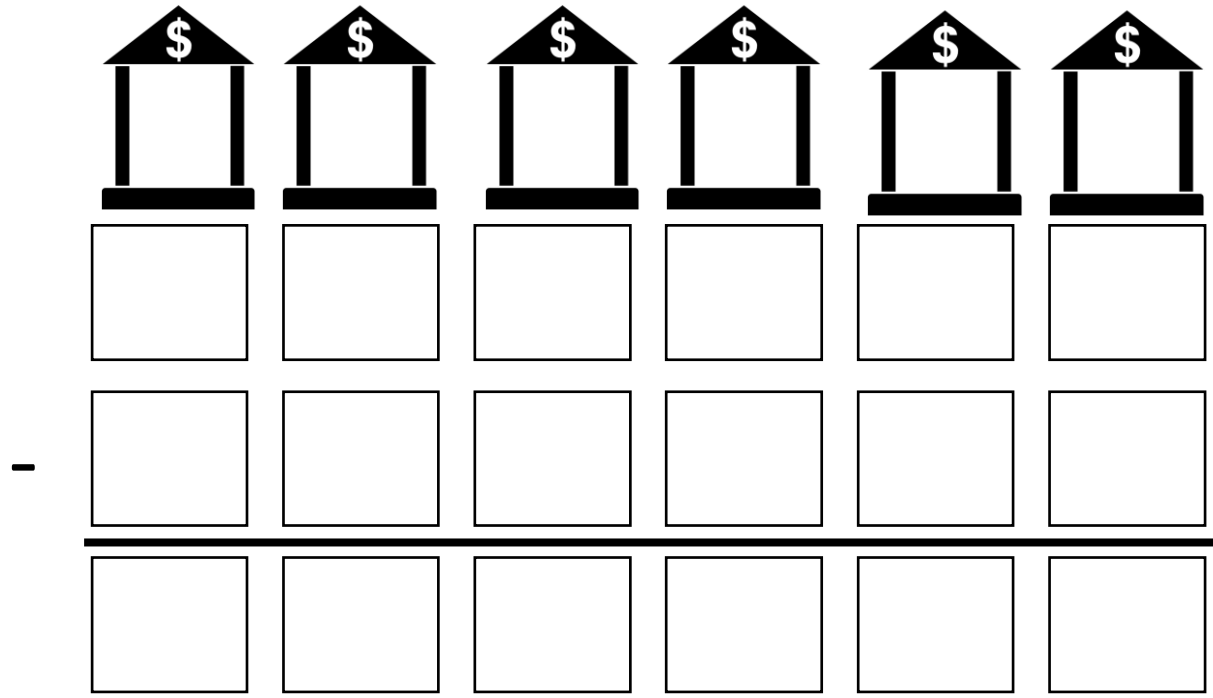
_____

_____

_____

_____

Solve the problem here:



Label the parts and whole (with numbers and a word or picture):

Part	Part
Whole	

Subtractionville: Factory

Write a 6-digit subtraction problem with regrouping about the factory's assembly line:

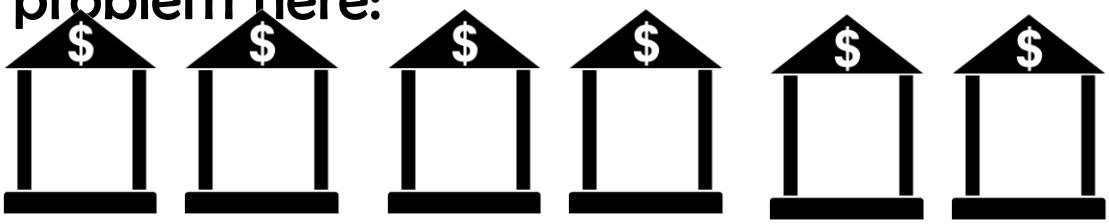
_____

_____

_____

_____

Solve the problem here:



−						

Label the parts and whole (with numbers and a word or picture):

Part	Part
Whole	

Subtractionville: Gym

Teach Grow Sow

Write a 6-digit subtraction problem with regrouping about the gym's workout machines:

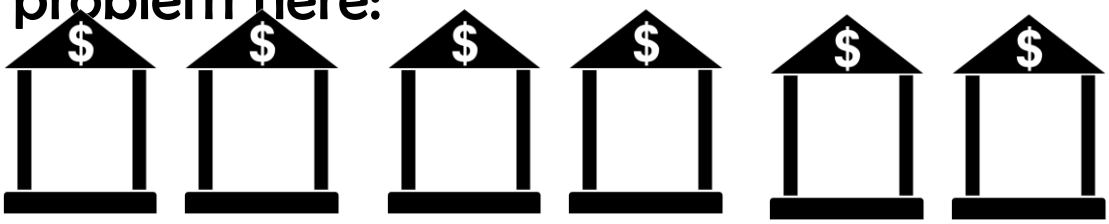
_____

_____

_____

_____

Solve the problem here:



–						

Label the parts and whole (with numbers and a word or picture):

Part	Part
Whole	

Subtractionville: Library

Teach Grow Sow

Write a 6-digit subtraction problem with regrouping about the library's books:

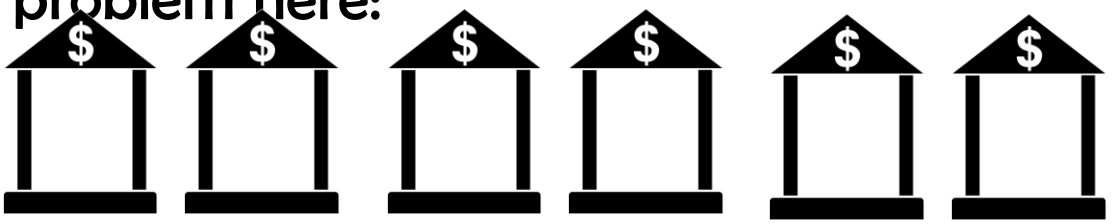
_____

_____

_____

_____

Solve the problem here:



–						

Label the parts and whole (with numbers and a word or picture):

Part	Part
Whole	

Subtractionville: Toy Store

Teach Grow Sow

Write a 6-digit subtraction problem with regrouping about the toy store's sales:

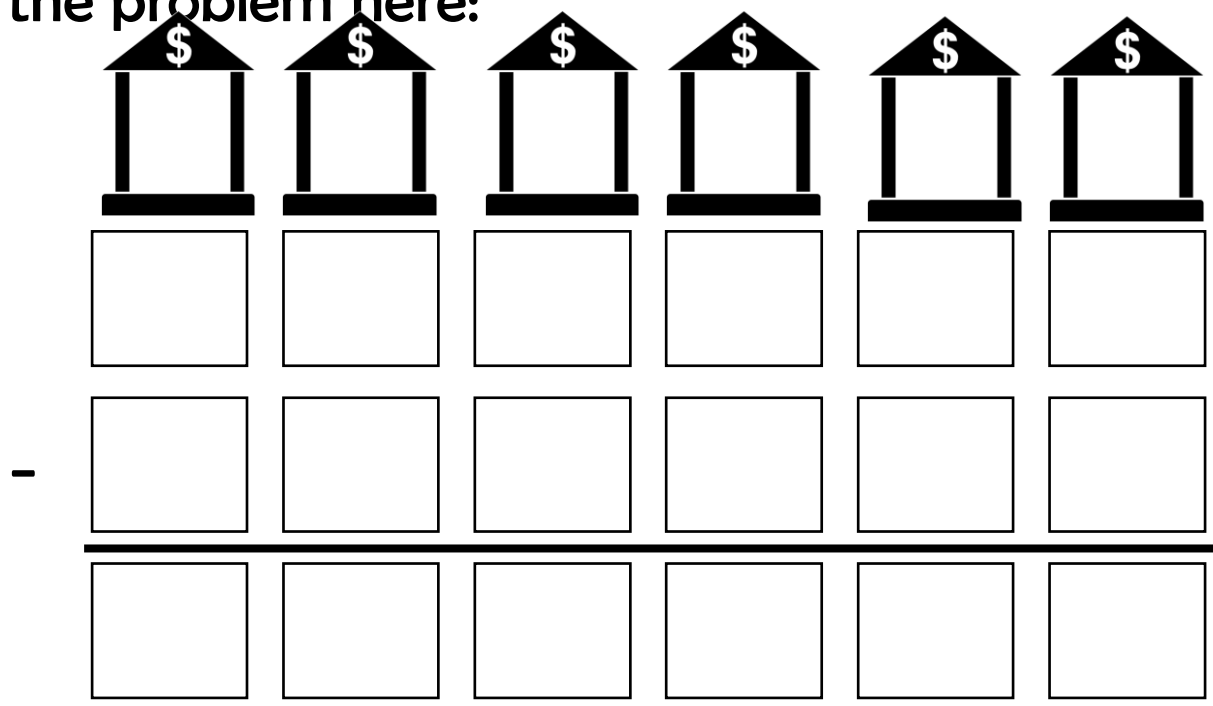
_____

_____

_____

_____

Solve the problem here:



Label the parts and whole (with numbers and a word or picture):

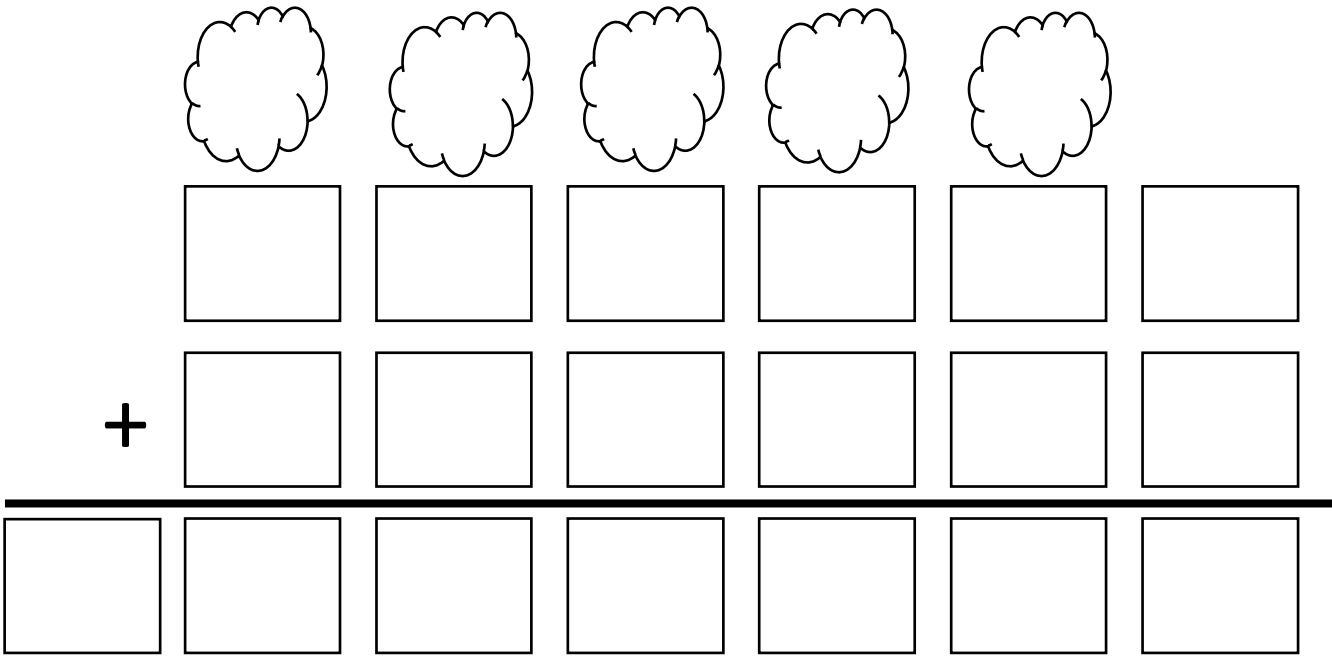
Part	Part
Whole	

Subtractionville: Hotel

Teach Grow Sow

Write a 6-digit addition problem with regrouping about the hotel's bookings:

Solve the problem here:

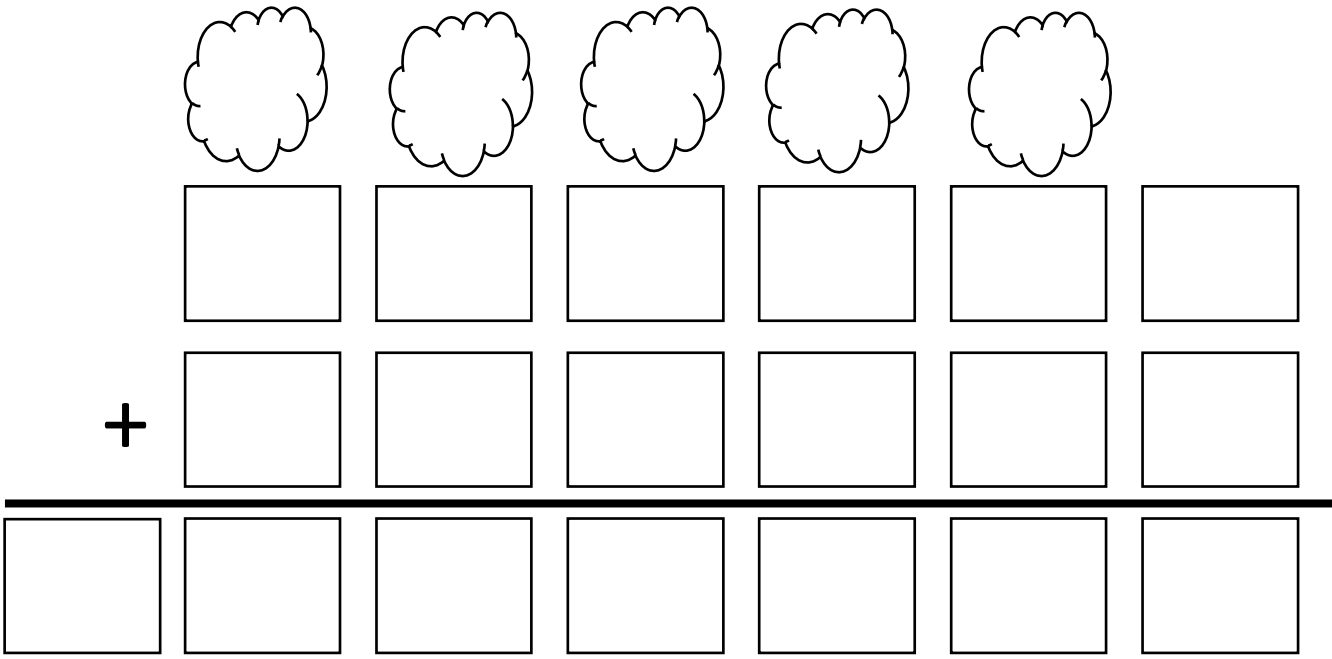


Draw a model with numbers and symbols to demonstrate:

Subtractionville: Car Wash

Write a 6-digit addition problem with regrouping about the cars that come to the car wash:

Solve the problem here:



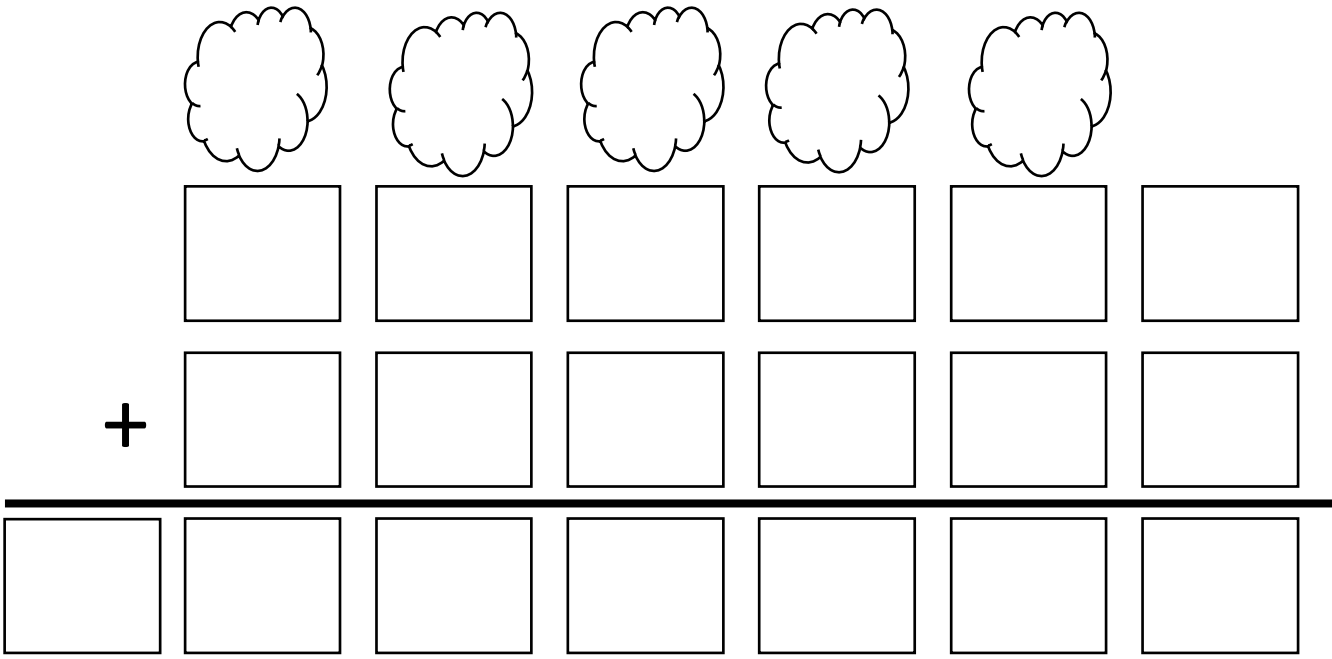
Draw a model with numbers and symbols to demonstrate:

Subtractionville: Farmer's Market

Teach Grow Sow

Write a 6-digit addition problem with regrouping about the farmer's market's fruit and vegetables:

Solve the problem here:



Draw a model with numbers and symbols to demonstrate:

Subtractionville: _____

Teach Grow Sow

Write a 6-digit subtraction problem with regrouping about the _____:

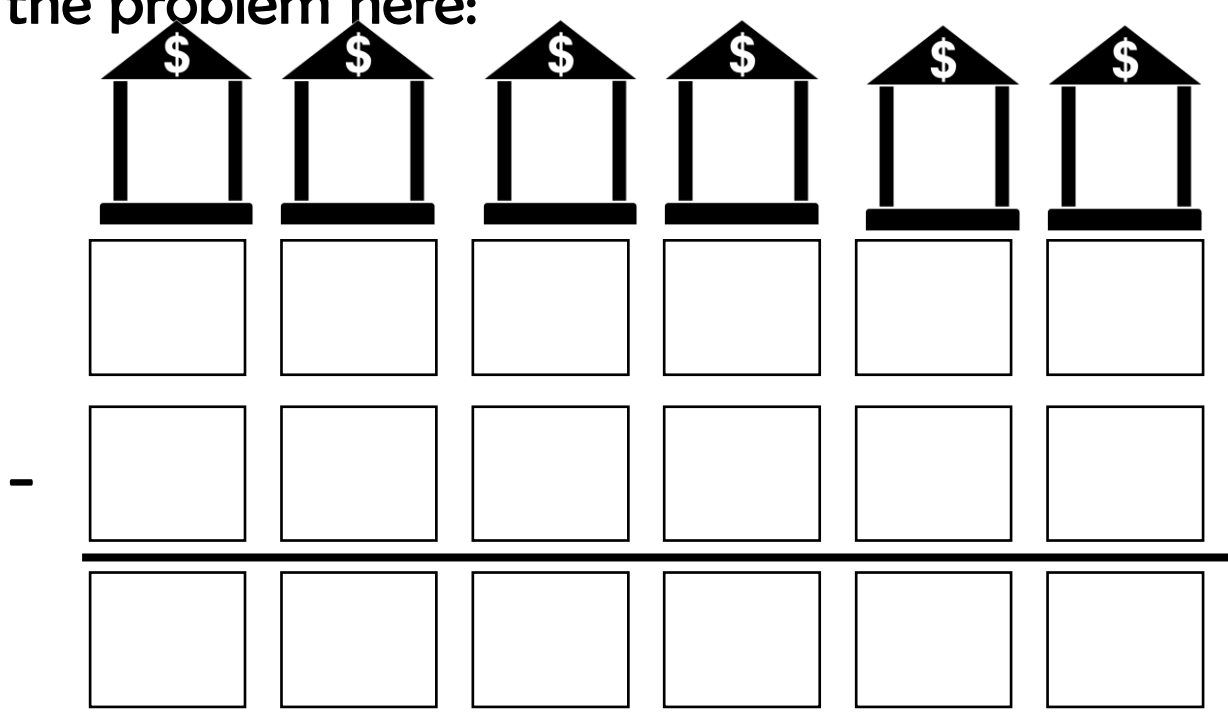
_____

_____

_____

_____

Solve the problem here:



Label the parts and whole (with numbers and a word or picture):

Part	Part
Whole	