Barnard College	Columbia University	New York University
Ms. Park	Ms. Hildebrand	Ms. Severino

Monday
February 8, 2021

Name:

Plant roots absorb water and **nutrients** from the soil. Have you ever sipped water from a straw? A plant's roots are like a straw. They suck up water and nutrients. This helps the plant to grow big and strong.

People need vitamins and minerals to be healthy. Plants also need certain nutrients to survive. Nitrogen and calcium are two examples.

People can get nutrients through a straw, much like a plant sucks nutrients in through its roots!

This plant's roots take in nutrients from the soil. Without roots, a plant wouldn't get what it needs to survive.

Plants need many things to survive. Their parts help them get those things.

How do roots help plants survive?

Restate the question
Answer the question, and
Prove your answer by using a detail from the text.

Name _____

-ath	-end	-ick	-unk

chunk	send	tick
sunk	mend	wick
junk	lend	slick
dunk	end	click
bunk	bend	trick

Lesson 4

Objective: Subtract multiples of 100 and some tens within 1,000.

7 - 0	5 + 1	9 - 0	4 + 9	3 + 6
6 - 5	8 - 6	9 - 3	7 - 3	3 + 5
7 - 2	7 - 0	4 + 2	7 - 0	8 + 9
6 - 3	5 + 2	4 - 4	3 - 1	2 + 3
6 + 7	1 + 7	3 + 8	8 + 7	6 + 3
4 - 2	7 + 7	5 + 10	10 - 2	9 + 5
6 + 3	7 - 4	1 + 3	1 + 5	4 - 1
4 + 1	0 + 7	5 + 1	6 - 1	2 + 1

M4 L_ Day 1: Read the word problem

114 people went to the fair. 89 of them went in the evening. How many went during the day?

Check off each thing:

- o Read the question.
- o Re-Read the question.
- o How many people went to the fair? _____
- o How many went in the evening? _____
- o What is the question asking?

_____

Problem 1a: 570-100 = ? 5 7 0 - 1 0 0	Arrow way: 570 -------> _____
Problem 1b: 570-110 = ? 5 7 0 - 1 1 0	Arrow way: 570 ----> _____----> _____
Problem 1c: 570-210 = ? 5 7 0 - 2 1 0	Arrow way: 570 ----> _____----> _____

Problem 2a: 450-200 = ? 4 5 0 - 2 0 0	Arrow way: 450 ----> _____----> _____ OR 450 -------> _____
Problem 2b: 450-210 = ? 4 5 0 - 2 1 0	Arrow way: 450 ----> _____----> _____
Problem 2c: 450-250 = ? 4 5 0 - 2 5 0	Arrow way: 450 ----> _____----> _____
Problem 2c: 450-260 = ? 4 5 0 - 2 6 0	Arrow way: 450 ----> _____----> _____----> _____

Problem 3a: 780-300 = ?	Arrow way:
Problem 3b: 780-380 = ?	Arrow way:
Problem 3c: 780-390 = ?	Arrow way:
Problem 3c: 780-410 = ?	Arrow way:

Name _____ Date _____

1. Solve using the arrow way. You can use the boxes below to check with vertical way.

a.

570 – 200

570 – 270

570 – 290

b.

760 – 400

760 – 460

760 – 480

You can use the boxes below to check with vertical way.

c.

950 – 500

950 – 550

950 – 580

d.

820 – 320

820 – 360

820 – 390

2. Solve using the arrow way or mental math. Use scrap paper if needed.

a. 530 – 400 = _____	530 – 430 = _____	530 – 460 = _____
b. 950 – 550 = _____	950 – 660 = _____	950 – 680 = _____
c. 640 – 240 = _____	640 – 250 = _____	640 – 290 = _____
d. 740 – 440 = _____	740 – 650 = _____	740 – 690 = _____

3. Solve.

a. 88 tens – 20 tens = _____

b. 88 tens – 28 tens = _____

c. 88 tens – 29 tens = _____

d. 84 tens – 28 tens = _____

e. What is the value of 60 tens? _____

f. What is the value of 56 tens? _____

Lesson 4 G:2 M:5	Break It Down
	ZEARN STUDENT NOTES

Name:_____ Date:_____

Complete: ☐ Class:_____

1 Ms. Joseph needs 65 sticks to make a magic box. She only has 48.

How many more sticks does she need?

YOUR DRAWING

YOUR NUMBER SENTENCE

YOUR WORD SENTENCE

Ms. Joseph needs _____

more sticks.

2 Complete the arrow way in your notes.

ARROW WAY

780 – 390

780 $\xrightarrow{-300}$ _____ $\xrightarrow{-80}$ _____ $\xrightarrow{-____}$ _____

3 Solve 440 – 260. Use the subtraction you just did to help.

SHOW YOUR WORK

440 – 260 = _____

EXTRA WORKSPACE

Lesson 4 G:2 M:5	EXIT TICKET

Name:_____ Date:_____

Complete: ☐ Class:_____

1. Solve using a simplifying strategy. Show your work if needed.

   830 – 530 = _____

   830 – 750 = _____

   830 – 780 = _____

Name:_____ Date:_____

College:_____ Class of:_____

Diane needs 65 craft sticks to make a gift box. She only has 48. How many more craft sticks does she need?

Answer: _____

Equation that matches your work: Number Sentence

Sentence that matches the story: Word Sentence

Barnard College	Columbia University	New York University
Ms. Park	Ms. Hildebrand	Ms. Severino

Tuesday
February 9, 2021

Name _____

-ath	-end	-ick	-unk

chunk	send	tick
sunk	mend	wick
junk	lend	slick
dunk	end	click
bunk	bend	trick

Module 5 Topic A quiz

☐ = 12 + 4	1 + 0 = ☐	8= ☐ - 3	8 - ☐ = 0	13 + ☐ = 14
10= ☐ + 5	☐ = 12 - 7	☐ = 13 - 10	7 - ☐ = 4	12 + ☐ = 16
☐ - 8 = 4	1= ☐ - 11	☐ + 7 = 12	8 - ☐ = 1	12 - 8 = ☐
1= ☐ - 8	16= ☐ + 7	10 - ☐ = 7	☐ - 0 = 6	☐ = 9 - 8
3= ☐ + 2	3= ☐ - 6	8 + ☐ = 9	10 - 6 = ☐	9 - 6 = ☐
☐ - 8 = 1	7 - 4 = ☐	10 = 1 + ☐	13= ☐ + 11	17 = 7 + ☐
11 = 1 + ☐	☐ = 8 - 4	10 - 1 = ☐	☐ + 9 = 11	7 = 7 + ☐
3 = 4 - ☐	9 - 0 = ☐	1 + ☐ = 6	11 + 12 = ☐	☐ = 13 - 7

Susan has 37 pennies.

M. J. has 55 more pennies than Susan.

a. How many pennies does M. J. have?

Answer: _____

Equation that matches your work: Number Sentence

Sentence that matches the story: Word Sentence

Barnard College	Columbia University	New York University
Ms. Park	Ms. Hildebrand	Ms. Severino

Wednesday
February 10, 2021

There are many kinds of flowers.

A flower is another part of a plant. Flowers look pretty, but they also have a special job. They make seeds. Each seed can make another plant.

Let's take a closer look at flowers.

Think!

Many people's first names are also the names of flowers. Who do you know that has a flower name?

The fruit of the maple tree flies in the wind like tiny helicopters.

Many trees are pollinated by the wind. Corn, wheat, and other crops are also pollinated by the wind.

Flowers can be pretty or plain. They might smell good. That is not their only job. A flower's most important job is to make new plants.

Create!

Cut out some flower pictures from old magazines. Cut out some pictures of animal pollinators. Make a collage of flowers and their animal helpers.

What is the special job of a flower?

The special job of a flower is to

-een	-eer	-eel	-eep	-eek	-eet

Lesson 8

Objective: Relate manipulative representations to the addition algorithm.

9 - 8 = ☐	8 - 6 = ☐	4 + 14 = ☐	10 - 5 = ☐	4 + 4 = ☐
11 - 1 = ☐	8 + 3 = ☐	5 + 10 = ☐	9 - 0 = ☐	8 - 6 = ☐
10 + 10 = ☐	8 + 13 = ☐	11 - 6 = ☐	5 + 12 = ☐	11 - 3 = ☐
8 - 5 = ☐	7 + 8 = ☐	15 - 3 = ☐	2 - 2 = ☐	1 + 13 = ☐
7 + 5 = ☐	6 + 17 = ☐	3 - 2 = ☐	5 + 0 = ☐	7 - 5 = ☐
17 - 9 = ☐	6 + 14 = ☐	11 + 7 = ☐	12 + 8 = ☐	12 - 1 = ☐
4 + 5 = ☐	10 + 10 = ☐	7 - 1 = ☐	14 - 2 = ☐	10 + 5 = ☐
13 - 2 = ☐	9 - 7 = ☐	5 + 11 = ☐	5 + 17 = ☐	6 + 12 = ☐

M4 L_ Day 2: Read the word problem

114 people went to the fair. 89 of them went in the evening. How many went during the day?

Check off each thing:

- o Read the question.
- o Re-Read the question.
- o How many people went to the fair? _____
- o How many went in the evening? _____
- o What is the question asking?

_____

- o Draw a diagram to help you solve this problem!

1.) 404 + 203 =	2.) 660 + 110 =	3.) 770 + 220=
4.) 303 + 37 =	5.) 211 + 95 =	6.) 324 + 156 =
7.) 546 + 273=	8.) 435 + 382 =	9.) 563 + 89 =

Name _____ Date _____

1. Solve the following problems using your place value chart, place value disks, and vertical form. Bundle a ten or hundred, when necessary.

a. 301 + 49	b. 402 + 48
c. 315 + 93	d. 216 + 192
e. 545 + 346	f. 565 + 226
g. 222 + 687	h. 164 + 745

2. Solve.

a. 300 + 200 = _____

b. 320 + 200 = _____

c. 320 + 230 = _____

d. 320 + 280 = _____

e. 328 + 286 = _____

f. 600 + 80 = _____

g. 600 + 180 = _____

h. 620 + 180 = _____

i. 680 + 220 = _____

j. 680 + 230 = _____

Name _____ Date _____

Solve the following problems using your place value chart, place value disks, and vertical form. Bundle a ten or hundred, when necessary.

1. 378 + 113

2. 178 + 141

A

Number Correct: _____

Two-Digit Addition

1.	38 + 1 =	
2.	47 + 2 =	
3.	56 + 3 =	
4.	65 + 4 =	
5.	31 + 8 =	
6.	42 + 7 =	
7.	53 + 6 =	
8.	64 + 5 =	
9.	49 + 1 =	
10.	49 + 2 =	
11.	49 + 3 =	
12.	49 + 5 =	
13.	58 + 2 =	
14.	58 + 3 =	
15.	58 + 4 =	
16.	58 + 6 =	
17.	67 + 3 =	
18.	57 + 4 =	
19.	57 + 5 =	
20.	57 + 7 =	
21.	85 + 5 =	
22.	85 + 6 =	
23.	85 + 7 =	
24.	85 + 9 =	
25.	76 + 4 =	
26.	76 + 5 =	
27.	76 + 6 =	
28.	76 + 9 =	
29.	64 + 6 =	
30.	64 + 7 =	
31.	76 + 8 =	
32.	43 + 7 =	
33.	43 + 8 =	
34.	43 + 9 =	
35.	52 + 8 =	
36.	52 + 9 =	
37.	59 + 1 =	
38.	59 + 3 =	
39.	58 + 2 =	
40.	58 + 4 =	
41.	77 + 3 =	
42.	77 + 5 =	
43.	35 + 5 =	
44.	35 + 8 =	

Lesson 5 G:2 M:5	Easier Adding
	ZEARN STUDENT NOTES

Name:_____ Date:_____

Complete: ☐ Class:_____

1 Solve by using a number bond to make a hundred.

340 + 280 = _____

_____ _____

_____ + _____ = _____

EXTRA WORKSPACE

Lesson 5 G:2 M:5	EXIT TICKET

Name:_____ Date:_____

Complete: ☐ Class:_____

1. Add by drawing a number bond to make a hundred. Write the simplified number sentence and solve.

   a. 390 + 210 = _____

   _____ _____

   _____ + _____ = _____

   b. 798 + 57 = _____

   _____ _____

   _____ + _____ = _____

2. Solve.

   53 tens + 38 tens = _____

Name:_____ Date:_____

College:_____ Class of:_____

Susan has 37 pennies.

M. J. has 55 more pennies than Susan.

b. How many pennies do they have altogether?

Answer: _____

Equation that matches your work: Number Sentence

Sentence that matches the story: Word Sentence

Barnard College	Columbia University	New York University
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Thursday
February 11, 2021

Hummingbirds are just one kind of animal that helps flowers make seeds.

Flower Helpers

Animals help plants make seeds. Animals see the bright colors of the flower petals. They smell the scent of the flower. They come looking for **nectar**.

Nectar is a sweet juice. Some animals drink this nectar. Flowers make nectar to attract animals.

Why are pollinators attracted to flowers?

Pollinators are attracted to flowers because

Lesson 8

Objective: Relate manipulative representations to the addition algorithm.

☐ - 2 = 2	☐ = 10 - 6	4 = 6 - ☐	13 = 5 + ☐	☐ = 4 - 4
3 = 4 - ☐	8 + ☐ = 11	10 + ☐ = 16	☐ = 2 - 1	15= ☐ + 11
10 + ☐ = 17	☐ = 2 + 9	9 - ☐ = 1	☐ + 5 = 8	☐ + 2 = 9
11 - ☐ = 9	11 = 6 + ☐	8 + 11 = ☐	☐ = 10 + 5	14 = 6 + ☐
5 + 7 = ☐	11 - ☐ = 1	17 = 11 + ☐	2= ☐ - 0	0 = 8 - ☐
☐ = 3 + 2	11 + 10 = ☐	☐ = 3 + 9	0= ☐ - 2	☐ = 12 - 11
9 = 7 + ☐	7 + 6 = ☐	13 = 3 + ☐	☐ = 9 + 10	22 = 11 + ☐
☐ - 3 = 1	5 - 4 = ☐	☐ - 4 = 6	☐ = 12 - 1	19 = 11 + ☐

M4 L_ Day 3: Read the word problem

114 people went to the fair. 89 of them went in the evening. How many went during the day?

Check off each thing:

- o Read the question.
- o Re-Read the question.
- o How many people went to the fair? _____
- o How many went in the evening? _____
- o What is the question asking?

_____

- o Yesterday we drew a diagram to help you solve this problem now let's solve it!

1.) 404 + 23 =	2.) 668 + 71 =	3.) 773 + 227=
4.) 393 + 37 =	5.) 211 + 59 =	6.) 324 + 256 =
7.) 546 + 273=	8.) 435 + 382 =	9.) 563 + 189 =

Name _____ Date _____

1. Solve the following problems using your place value chart, place value disks, and vertical form. Bundle a ten or hundred, when necessary.

a. 505 + 75	b. 606 + 84
c. 293 + 114	d. 314 + 495
e. 364 + 326	f. 346 + 234
g. 384 + 225	h. 609 + 351

2. Solve.

a. 200 + 400 = _____

b. 220 + 400 = _____

c. 220 + 440 = _____

d. 220 + 480 = _____

e. 225 + 485 = _____

f. 500 + 60 = _____

g. 500 + 160 = _____

h. 540 + 160 = _____

i. 560 + 240 = _____

j. 560 + 250 = _____

Name _____ Date _____

Solve the following problems using your place value chart, place value disks, and vertical form. Bundle a ten or hundred, when necessary.

1. 387 + 131=

2. 187 + 114=

B

Number Correct: _____

Improvement: _____

Two-Digit Addition

1.	28 + 1 =	
2.	37 + 2 =	
3.	46 + 3 =	
4.	55 + 4 =	
5.	21 + 8 =	
6.	32 + 7 =	
7.	43 + 6 =	
8.	54 + 5 =	
9.	39 + 1 =	
10.	39 + 2 =	
11.	39 + 3 =	
12.	39 + 5 =	
13.	48 + 2 =	
14.	48 + 3 =	
15.	48 + 4 =	
16.	48 + 6 =	
17.	57 + 3 =	
18.	57 + 4 =	
19.	57 + 5 =	
20.	57 + 7 =	
21.	75 + 5 =	
22.	75 + 6 =	
23.	75 + 7 =	
24.	75 + 9 =	
25.	66 + 4 =	
26.	66 + 5 =	
27.	66 + 6 =	
28.	66 + 9 =	
29.	54 + 6 =	
30.	54 + 7 =	
31.	54 + 8 =	
32.	33 + 7 =	
33.	33 + 8 =	
34.	33 + 9 =	
35.	42 + 8 =	
36.	42 + 9 =	
37.	49 + 1 =	
38.	49 + 3 =	
39.	58 + 2 =	
40.	58 + 4 =	
41.	67 + 3 =	
42.	67 + 5 =	
43.	85 + 5 =	
44.	85 + 8 =	

week	peer	steel
feet	deer	keep
food	sheet	creek
meet	weed	been
seen	street	wheel

-een	-eer	-eel	-eep	-eek	-eet

Lesson 6 G:2 M:5	Easier Subtracting
	ZEARN STUDENT NOTES

Name:_____ Date:_____

Complete: ☐ Class:_____

1 Maya made 60 cupcakes for the school bake sale. She sold 28 cupcakes on the first day.

How many cupcakes did she have left?

YOUR DRAWING

YOUR NUMBER SENTENCE

YOUR WORD SENTENCE

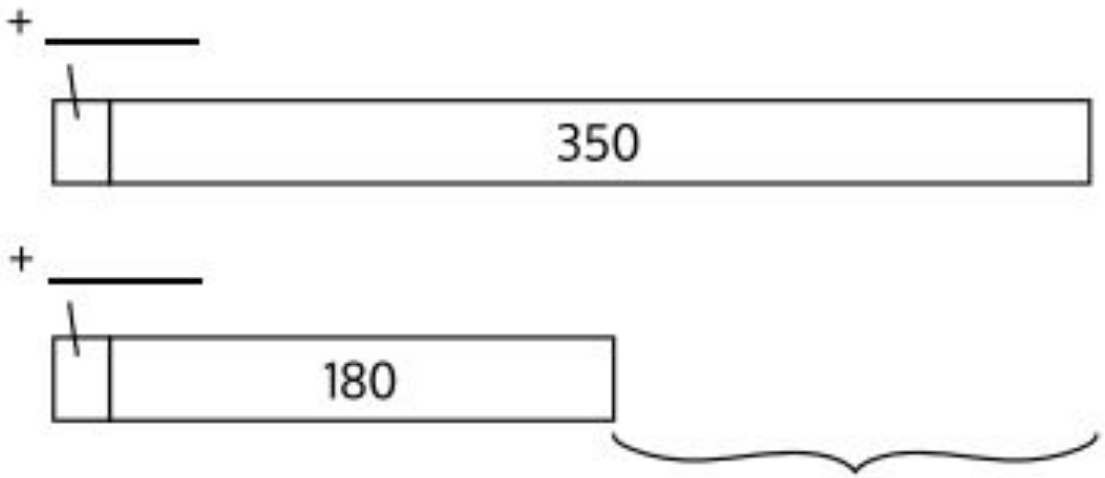
Maya had _____

cupcakes left.

2 What should we add to make this problem easier?

Write a new number sentence and solve.

SHOW YOUR WORK



350 – 180 = _____ = _____

EXTRA WORKSPACE

Name:_____ Date:_____

College:_____ Class of:_____

The table to the right represents the halftime score at a basketball game.

The red team scored 19 points in the second half.

The yellow team scored 13 points in the second half.

a. Who won the game?

b. By how much did that team win?

Team	Score
red team	63 points
yellow team	71 points

Answer: _____

Equation that matches your work: Number Sentence

Sentence that matches the story: Word Sentence

Barnard College	Columbia University	New York University
Ms. Park	Ms. Hildebrand	Ms. Severino

Friday
February 12, 2021

How Do We Get the Fruits, Flowers, and Vegetables that We Enjoy?

Stage Name	Information about this Stage
Seed	
Plant	
Flower	
Fruit	

Use details about each plant stage to answer the question.

Why are all stages important to a plant?

Lesson 9

Objective: Relate manipulative representations to the addition algorithm.

7 - 5 =	6 + 15 =	11 - 1 =	11 + 16 =	6 + 2 =
13 + 7 =	14 - 8 =	3 + 1 =	15 - 8 =	13 - 5 =
9 - 2 =	7 - 5 =	6 + 7 =	10 - 8 =	15 + 10 =
14 + 12 =	14 + 5 =	2 + 14 =	7 + 4 =	17 - 7 =
8 + 3 =	14 + 11 =	10 - 6 =	16 + 6 =	4 - 3 =
0 + 2 =	5 - 4 =	14 - 3 =	1 + 2 =	9 + 14 =
14 - 0 =	13 + 0 =	15 - 9 =	6 - 3 =	11 - 5 =
11 + 2 =	0 + 14 =	0 + 11 =	6 + 6 =	8 - 6 =

M4 L_ Day 4: Read the word problem

Here is a similar problem! Try solving it by yourself!

156 people went to the park. 96 of them went in the day.
How many went during the nighttime?

Check off each thing:

- o Read the question.
- o Re-Read the question.
- o How many people went to the park? _____
- o How many went in the day? _____
- o What is the question asking?

Draw a diagram to solve!

1.) 427 + 385 =	2.) 672 + 249 =	3.) 427 + 297=
4.) 337 + 137 =	5.) 651 + 159 =	6.) 364 + 756 =
7.) 396 + 273=	8.) 265 + 682 =	9.) 563 + 389 =

Name _____ Date _____

1. Solve the following problems using a place value chart, place value disks, and vertical form. Bundle a ten or hundred, when necessary.

a. 205 + 345	b. 365 + 406
c. 446 + 334	d. 466 + 226
e. 537 + 243	f. 358 + 443
g. 753 + 157	h. 663 + 258

2. Solve.

a. 270 + 430 = _____

b. 260 + 440 = _____

c. 255 + 445 = _____

d. 258 + 443 = _____

e. 408 + 303 = _____

f. 478 + 303 = _____

g. 478 + 323 = _____

Name _____ Date _____

Solve the following problems using your place value chart, place value disks, and vertical form. Bundle a ten or hundred, when necessary.

1. 375 + 197

2. 184 + 338

Lesson 7 G:2 M:5	Thousand Strategies
	ZEARN STUDENT NOTES

Name:_____ Date:_____

Complete: ☐ Class:_____

1 697 + 223

SHOW YOUR WORK

697 + 223 = _____

2 722 – 490

SHOW YOUR WORK

722 – 490 = _____

EXTRA WORKSPACE

Lesson 7 G:2 M:5	EXIT TICKET

Name:_____ Date:_____

Complete: ☐ Class:_____

1. Circle one of the strategies below, and use the circled strategy to solve 490 + 463.

   a. Arrow way / Number bond

   b. Solve:

   c. Explain why you chose that strategy.