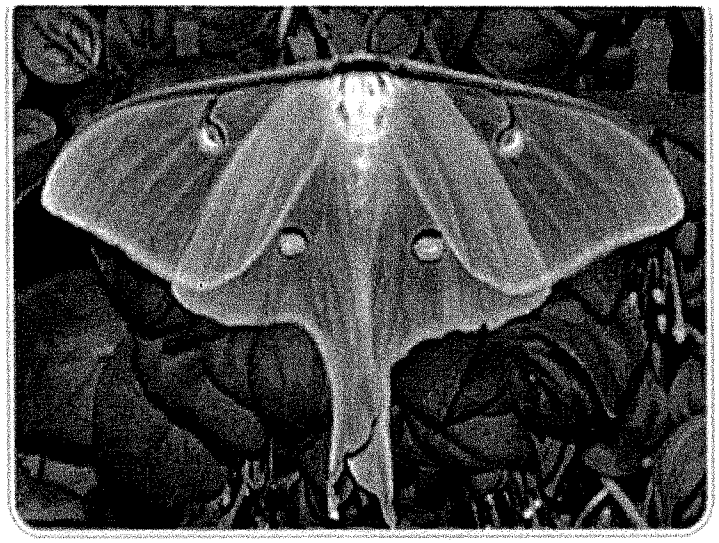
Barnard College	Columbia University	New York University
Ms. Park	Ms. Hildebrand	Ms. Severino

Monday
March 1, 2021

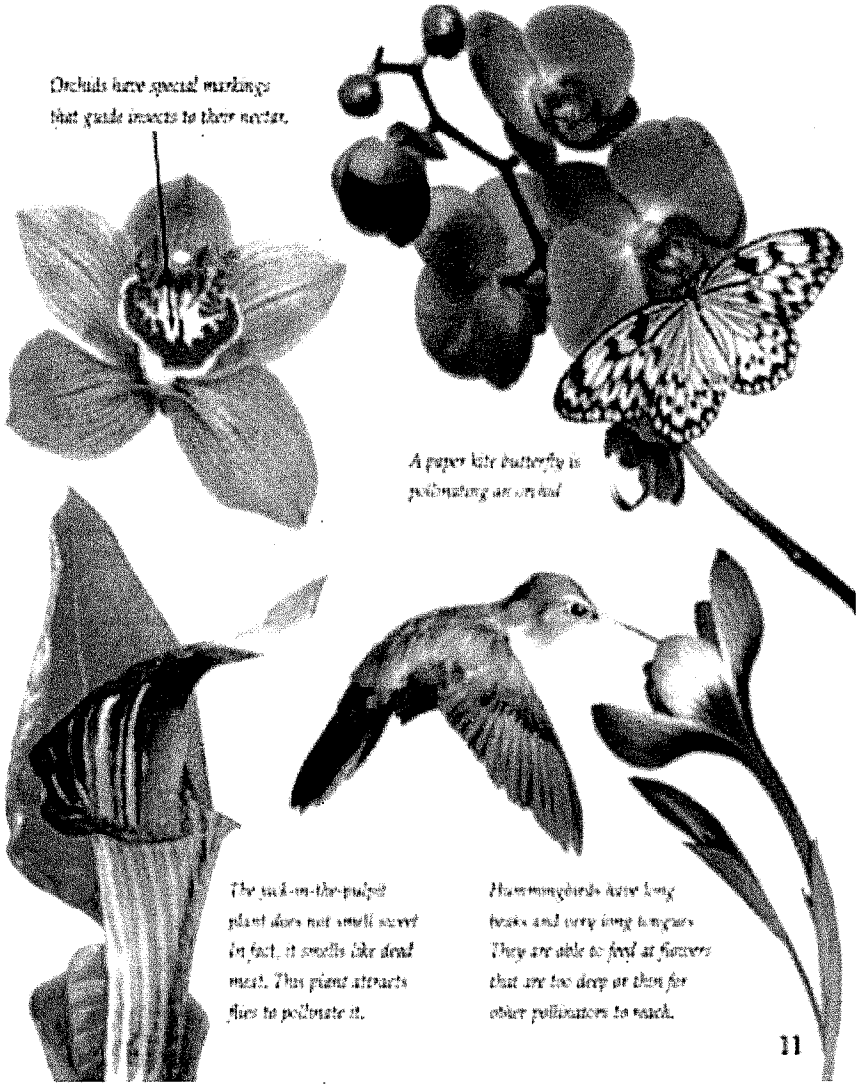
Name:

Shapes and colors

Most animals pollinate when they look for **nectar**. Nectar is a liquid found in many flowers. The bright colors and sweet smell of a flower tells pollinators that the flower contains nectar or pollen for them to eat. Flowers that are pollinated at night have very strong **scents** to make it easier for pollinators to find them.



10 The luna moth is a beautiful nighttime pollinator.



11

What are three traits of flowers that attract pollinators to them?

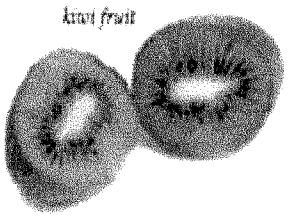
Do we need pollinators?

Did you know that more than one-third of the food you

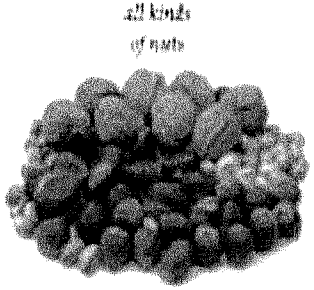
Did you know that more than one-third of the food you eat depends on pollinators? Pollinators make plants healthier to they can make a lot of food. There are thousands of pollinators. Most vegetables, fruits, and nuts come from plants that were pollinated by insects, birds, bats, and other small animals.

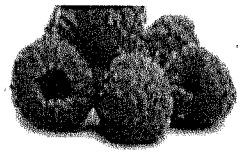
All these foods!

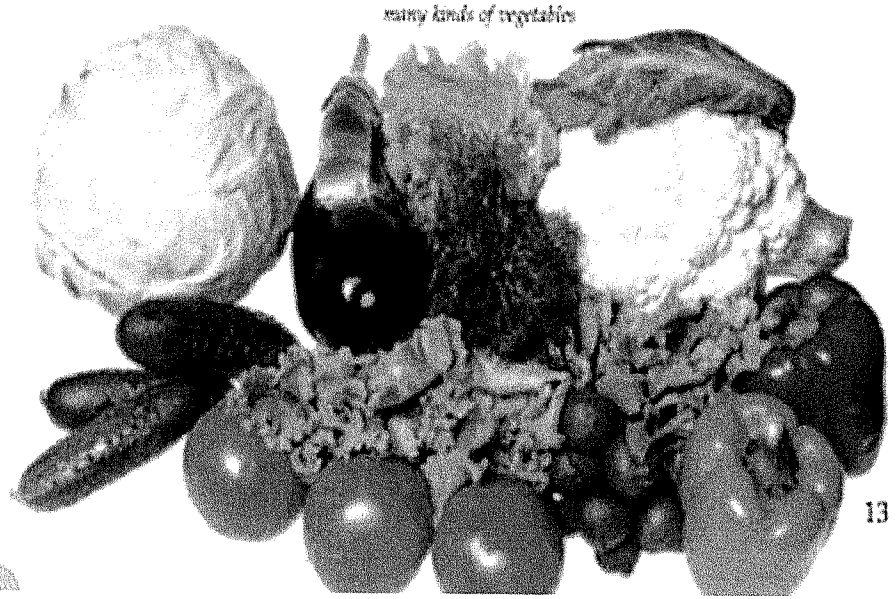
The foods shown on this



The foods shown on this page, and many more, come from plants that were pollinated by insects and other animals.







Why are pollinators important to people?

Pollinators are important to people because

foot	wood	book
bloom	soot	gloom
brook	hood	boot
hoot	root	scoot
cook	food	mood
noon	shook	spoon
stood	nook	proof
roof	crook	woof
scoop	look	troop
took	drool	hoof

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Name _____

good	room

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Module 5 Topic B QUIZ

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

Name:_____ Topic B

Grade 2 Module 5 Topic B Quiz

1. Solve the following problems using the vertical method and the place value chart.

a. 380 + 220

hundreds	tens	ones

b. 277 + 633

hundreds	tens	ones

c. 243 + 198

hundreds	tens	ones

d. 358 + 443

hundreds	tens	ones

2. Solve using the strategy of your choice.

a. 138 ÷ 182

b. 546 ÷ 198

c. 424 + 288

d. 398 ÷ 207

M5 L 13 Day 1:

Read the word problem

A fruit seller buys 90 apples. He finds that 18 are rotten and throws them out. He sells 22 of the ones that are left on Monday. Now, how many apples does he have left?

Check off each thing as we answer!

- Read the question
- Re-read the question
- Circle the numbers and the units: what are the units we are talking about today? _____
- How many apples to start? _____
- What happened to 18 apples? _____
- What happened to the 22 apples? _____
- What is the question underline and then write it?

_____

_____

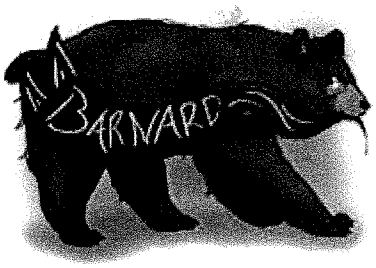
Name:_____ Date:_____

College:_____ Class of:_____

Answer: _____

Equation that matches your work: Number Sentence

Sentence that matches the story: Word Sentence



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Tuesday
March 2, 2021

How do bees help plants grow and survive?

Bees help plants grow and survive by

_____

_____

_____

_____

Scientific Drawing of a Bee

- Create a sketch of your first bee photograph.
- Remember to observe closely before you begin drawing.

foot	wood	book
bloom	soot	gloom
brook	hood	boot
hoot	root	scoot
cook	food	mood
noon	shook	spoon
stood	nook	proof
roof	crook	woof
scoop	look	troop
took	drool	hoof

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Name _____

good	room

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Lesson 13

Objective: Relate manipulative representations to the subtraction algorithm, and use addition to explain why the subtraction method works.

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

M5 L 13 Day 2:

Read the word problem

A fruit seller buys 90 apples. He finds that 18 are rotten and throws them out. He sells 22 of the ones that are left on Monday. Now, how many apples does he have left?

Check off each thing as we answer!

- Read the question
- Re-read the question
-
- Circle the numbers and the units: what are the units we are talking about today? _____
- How many apples to start? _____
- What happened to 18 apples? Are we + or -
- What happened to the 22 apples? Are we + or -
-
- What is the question underline.
- Now let's draw a diagram to help us!

Name _____ Date _____

1. Solve using mental math.

a. 8 – 6 = _____ 80 – 60 = _____ 180 – 60 = _____ 180 – 59 = _____

b. 6 – 3 = _____ 60 – 30 = _____ 760 – 30 = _____ 760 – 28 = _____

2. Solve using mental math or vertical form with place value disks. Check your work using addition.

a. 138 – 17 = 121

138	121
–17	+ 17
121	138

b. 138 – 19 = _____

c. 445 – 35 = _____

d. 445 – 53 = _____

e. 863 – 170 = _____

f. 845 – 152 = _____

g. 472 – 228 = _____

h. 418 – 274 = _____

i. 567 – 184 = _____

j. 567 – 148 = _____

e. 753 – 290 = _____

f. 567 – 290 = _____

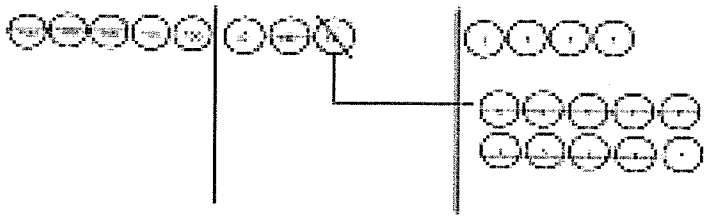
g. 873 – 428 = _____

h. 817 – 565 = _____

i. 973 – 681 = _____

j. 748 – 239 = _____

3. Complete the number sentence modeled by place value disks.



___ − ___ = 215

Lesson 13
G:2 M:5

EXIT TICKET

Name:_____ Date:_____

Complete: ☐ Class:_____

Solve using mental math or vertical form with place value disks.
Check your work using addition.

1. 378 – 117 = _____

2. 378 – 119 = _____

3. 853 – 433 = _____

4. 853 – 548 = _____

Lesson 13 G:2 M:5	Prove It ZEARN STUDENT NOTES

Name:_____ Date:_____

Complete: ☐ Class:_____

1 Add the parts together to see if you get the correct total.

Use any addition strategy.

SHOW YOUR WORK

121 + 123 = _____

2

hundreds	tens	ones

$$\begin{array}{r} 244 \\ -\ 125 \\ \hline \end{array}$$

Add 125 + 119 to check your work.

Use any addition strategy.

SHOW YOUR WORK

125 + 119 = _____

EXTRA WORKSPACE

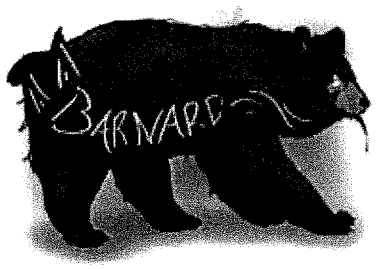
Name:_____ Date:_____

College:_____ Class of:_____

Answer: _____

Equation that matches your work: Number Sentence

Sentence that matches the story: Word Sentence



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Wednesday
March 3, 2021

Bees are pollinators that help plants grow and survive	
Matching Details	Other Details

yellow and black

long tongues

hairy bodies

carry pollen from flower to flower

collect nectar and pollen to eat

make honey

some people are allergic to bees

live in hives

some nest underground

over 250 types of bees

pollinate many fruit and vegetable plants

Some bees have stingers.

Scientific Drawing of a Bee: Shape

Directions:

- Create a sketch of your second bee photo.
- Remember to observe closely before you begin drawing.
- Focus specifically on this bee's shape and size.

Based on your research today, write one sentence about how bees help plants grow and survive:

rain	pail	mail
main	plan	chain
pan	pain	tan
rail	ran	train
man	brain	tail

Name _____

-ip	-il	-ip

Lesson 14

Objective: Use math drawings to represent subtraction with up to two decompositions, relate drawings to the algorithm, and use addition to explain why the subtraction method works.

10 - 3 =	3 + 13 =	11 - 5 =	13 - 2 =	4 - 1 =
17 - 6 =	0 + 11 =	11 - 7 =	1 + 15 =	16 - 3 =
15 + 6 =	11 - 3 =	7 - 2 =	12 + 8 =	5 + 2 =
13 - 12 =	6 - 2 =	13 + 13 =	11 + 10 =	17 - 7 =
7 + 8 =	16 - 10 =	12 - 7 =	8 + 15 =	18 - 17 =
7 - 6 =	6 - 3 =	10 + 13 =	17 - 8 =	16 + 14 =
12 - 4 =	13 + 13 =	8 + 15 =	17 - 8 =	17 + 10 =
13 - 6 =	13 - 7 =	15 - 15 =	11 + 17 =	3 + 9 =

M5 L 13 Day 3:

Read the word problem

A fruit seller buys 90 apples. He finds that 18 are rotten and throws them out. He sells 22 of the ones that are left on Monday. Now, how many apples does he have left?

Check off each thing as we answer!

- Read the question
- Re-read the question
-
- Circle the numbers and the units: what are the units we are talking about today? _____
- How many apples to start? _____
- What happened to 18 apples? Are we + or -
- What happened to the 22 apples? Are we + or -
-
- What is the question? Underline it.
- Today let's solve it!

Name _____ Date _____

1. Solve by drawing place value disks on a chart. Then, use addition to check your work.

a. 469 – 170	Solve vertically or mentally:	Check:
b. 531 – 224	Solve vertically or mentally:	Check:
c. 618 – 229	Solve vertically or mentally:	Check:

Name _____ Date _____

1. Solve by drawing place value disks on a chart. Then, use addition to check your work.

a. 373 – 180	Solve vertically or mentally:	Check:
b. 463 – 357	Solve vertically or mentally:	Check:
c. 723 – 584	Solve vertically or mentally:	Check:

d. 838 – 384	Solve vertically or mentally:	Check:
e. 927 – 628	Solve vertically or mentally:	Check:

d. 861 – 673	Solve vertically or mentally:	Check:
e. 898 – 889	Solve vertically or mentally:	Check:

Lesson 14 G:2 M:5	EXIT TICKET

Name:_____ Date:_____

Complete: ☐ Class:_____

1. Solve by drawing place value disks on a chart. Then, use addition to check your work.

a. 375 - 280	Solve vertically or mentally	Check:
b. 741 - 448	Solve vertically or mentally	Check:

Lesson 14 G:2 M:5	Subtract and Prove ZEARN STUDENT NOTES

Name:_____ Date:_____

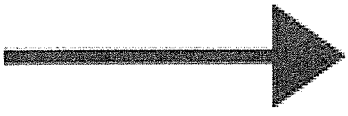
Complete: ☐ Class:_____

1 Add the parts to prove our answer is correct.

Use any addition strategy.

SHOW YOUR WORK

147 + 387 = _____



2 Solve 637 – 253 using disks and the subtraction algorithm.

SHOW YOUR WORK

hundreds	tens	ones

637
– 253

YOUR NUMBER BOND

YOUR ADDITION SENTENCE

EXTRA WORKSPACE

Name:_____ Date:_____

College:_____ Class of:_____

Answer: _____

Equation that matches your work: Number Sentence

Sentence that matches the story: Word Sentence

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Thursday
March 4, 2021

Focus Statement

Why is pollination important?

Topic Sentence

How do bees help plants grow and survive?

Detail #1

Why are bees attracted to flowers?

Detail #2

What body parts to bees have that help with pollination?

Detail #3

How do bees move pollen?

Conclusion

Why is pollination important? How do bees help plants grow and survive?

W.2.7

Scientific Drawing of a Bee: Shape

Directions:

- Create a sketch of your second bee photo.
- Remember to observe closely before you begin drawing.
- Focus specifically on the shapes you can see in the photo.

Based on your research today, write one sentence about how bees help plants grow and survive:

drain	nail	sail
trail	snail	jail
gain	grain	plain
stain	ban	span
than	clan	scan

Name _____

Lesson 15

Objective: Use math drawings to represent subtraction with up to two decompositions, relate drawings to the algorithm, and use addition to explain why the subtraction method works.

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

M5 L 13 Day 4:

Read the word problem

The cafeteria has 80 pears. They see that 19 are rotten and throws them out. They give Barnard 23 of the ones that are left on Monday. Now, how many pears does he have left?

Check off each thing as we answer!

- Read the question
- Re-read the question
-
- Circle the numbers and the units: what are the units we are talking about today? _____
- How many pears to start? _____
- What happened to 19 pears? Are we + or -
- What happened to the 23 pears? Are we + or -
-
- What is the question? Underline it.
- Just draw a picture!

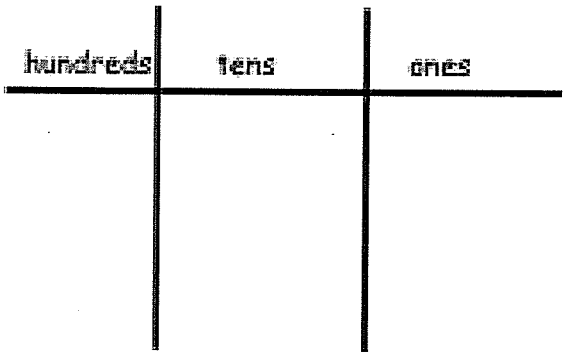
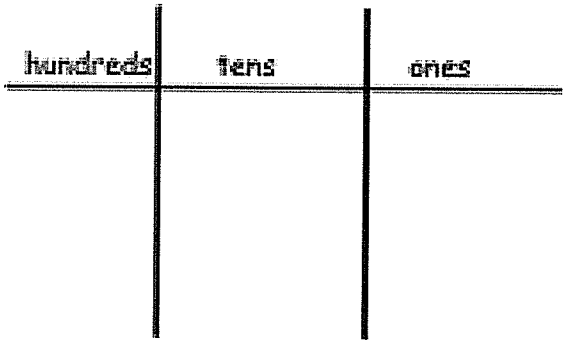
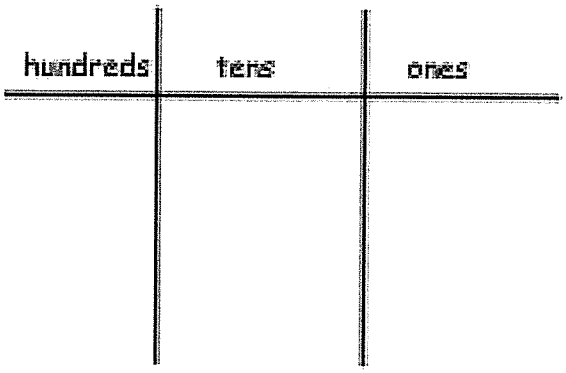
Name _____ Date _____

1. Solve by drawing chips on the place value chart. Then, use addition to check your work.

a. 699 – 210 hundreds | tens | ones	Solve vertically or mentally:	Check:
b. 758 – 387 hundreds | tens | ones	Solve vertically or mentally:	Check:
c. 788 – 299 hundreds | tens | ones	Solve vertically or mentally:	Check:

Name _____ Date _____

1. Solve by drawing chips on the place value chart. Then, use addition to check your work.

a. 800 – 675 	Solve vertically or mentally:	Check:
b. 742 – 495 	Solve vertically or mentally:	Check:
c. 657 – 290 	Solve vertically or mentally:	Check:

d. 821 – 523 hundreds | tens | ones	Solve vertically or mentally:	Check:
e. 913 – 558 hundreds | tens | ones	Solve vertically or mentally:	Check:

d. 877 – 398 hundreds | tens | ones	Solve vertically or mentally:	Check:
e. 941 – 628 hundreds | tens | ones	Solve vertically or mentally:	Check:

Lesson 15
G:2 M:5

EXIT TICKET

Name:_____ Date:_____

Complete: ☐ Class:_____

1. Solve by drawing place value disks on a chart. Then, use addition to check your work.

a. 583 - 327

hundreds	tens	ones

Solve vertically or mentally

Check:

b. 721 - 485

hundreds	tens	ones

Solve vertically or mentally

Check:

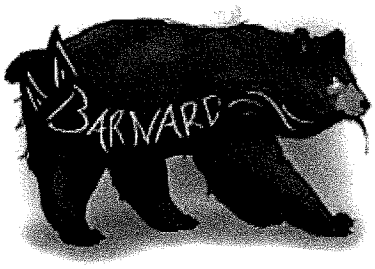
Name:_____ Date:_____

College:_____ Class of:_____

Answer: _____

Equation that matches your work: Number Sentence

Sentence that matches the story: Word Sentence



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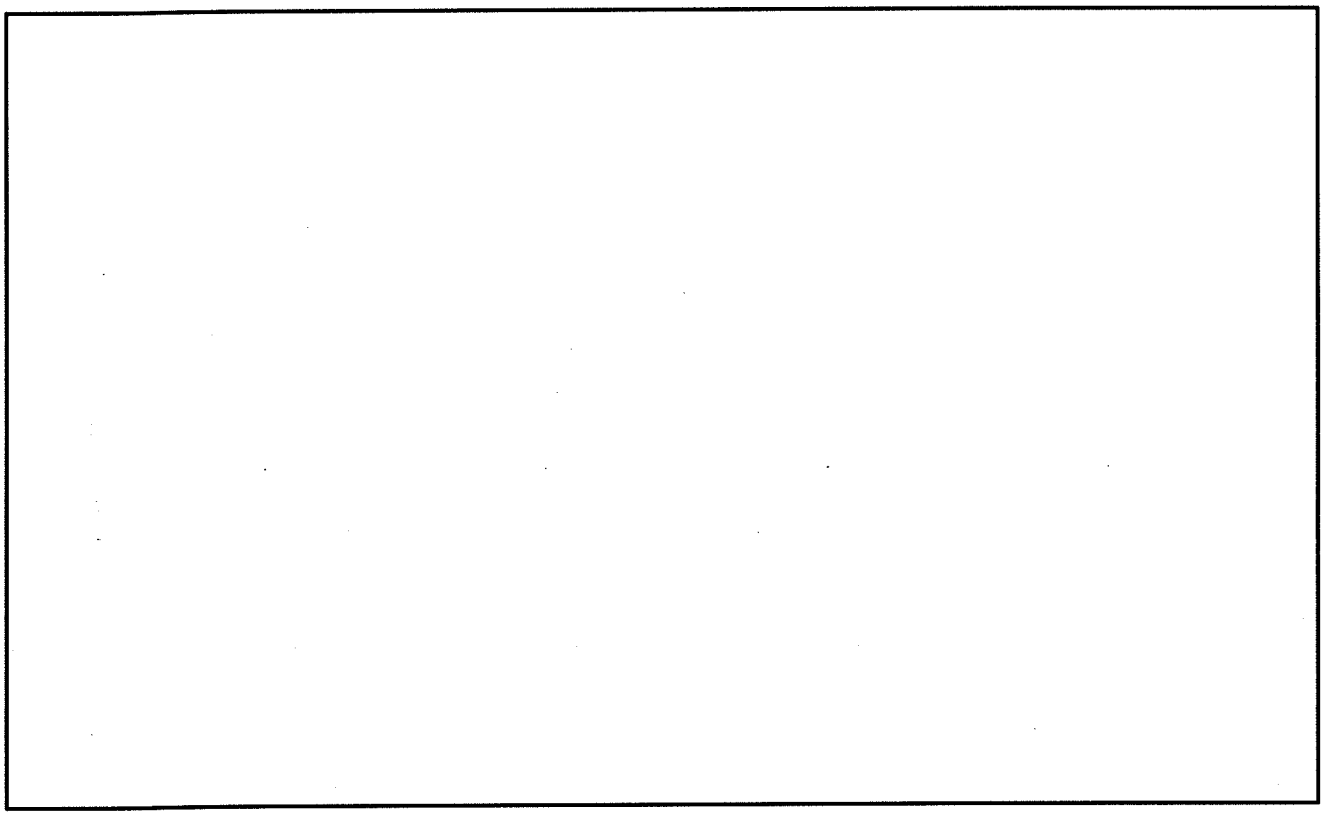
Friday
March 5, 2021

Pollination: Bees



Lesson 16

Objective: Subtract from multiples of 100 and from numbers with zero in the tens place.

6 + 10 = ☐ 3 - 2 = ☐ 13 - 12 = ☐ 9 + 6 = ☐ 13 + 10 = ☐

17 - 3 = ☐ 15 + 2 = ☐ 7 + 8 = ☐ 19 - 10 = ☐ 5 - 1 = ☐

12 + 2 = ☐ 2 + 14 = ☐ 19 + 2 = ☐ 13 + 12 = ☐ 17 - 12 = ☐

7 + 8 = ☐ 17 - 5 = ☐ 11 + 5 = ☐ 16 - 8 = ☐ 4 + 9 = ☐

6 - 5 = ☐ 15 - 15 = ☐ 13 + 13 = ☐ 16 - 0 = ☐ 2 + 4 = ☐

18 - 4 = ☐ 10 + 9 = ☐ 10 - 7 = ☐ 3 + 12 = ☐ 13 + 19 = ☐

15 - 13 = ☐ 17 - 0 = ☐ 8 + 1 = ☐ 11 + 2 = ☐ 16 - 4 = ☐

17 - 2 = ☐ 15 - 11 = ☐ 16 - 7 = ☐ 13 - 6 = ☐ 7 + 8 = ☐

M5 L 13 Day 5:

Read the word problem

The cafeteria has 80 pears. They see that 19 are rotten and throws them out. They give Barnard 23 of the ones that are left on Monday. Now, how many pears does he have left?

Check off each thing as we answer!

- Read the question
- Re-read the question

- Circle the numbers and the units: what are the units we are talking about today? _____
- How many pears to start? _____
- What happened to 19 pears? Are we + or -
- What happened to the 23 pears? Are we + or -

- What is the question? Underline it.
- Today let's solve it!

Name _____ Date _____

1. Solve vertically or using mental math. Draw chips on the place value chart and unbundle, if needed.

a. 304 – 53 = _____

hundreds	tens	ones

b. 406 – 187 = _____

hundreds	tens	ones

c. 501 – 316 = _____

hundreds	tens	ones

Name _____ Date _____

1. Solve vertically or using mental math. Draw chips on the place value chart and unbundle, if needed.

a. 206 – 89 = _____

hundreds	tens	ones

b. 509 – 371 = _____

hundreds	tens	ones

c. 607 – 288 = _____

hundreds	tens	ones

d. 700 – 509 = _____

hundreds	tens	ones

e. 900 – 626 = _____

hundreds	tens	ones

d. 800 – 608 = _____

hundreds	tens	ones

e. 900 – 572 = _____

hundreds	tens	ones

Lesson 16
G:2 M:5

EXIT TICKET

Name:_____ Date:_____

Complete: ☐ Class:_____

1. Solve vertically or using mental math. Draw disks on the place value chart and unbundle, if needed.

   a. 604 – 143 = _____

hundreds	tens	ones

   b. 700 – 568 = _____

hundreds	tens	ones

Lesson 16 G:2 M:5	Smart Strategies
	ZEARN STUDENT NOTES

Name:_____ Date:_____

Complete: ☐ Class:_____

1 Maya read 15 more pages than Braydon. Braydon read 38 pages.

How many pages did Maya read?

YOUR DRAWING

YOUR NUMBER SENTENCE

YOUR WORD SENTENCE

2 Add the two parts to see if you got the whole.

SHOW YOUR WORK

231 + 171 = _____

3 Solve 800 – 463 by counting on.

SHOW YOUR WORK

EXTRA WORKSPACE

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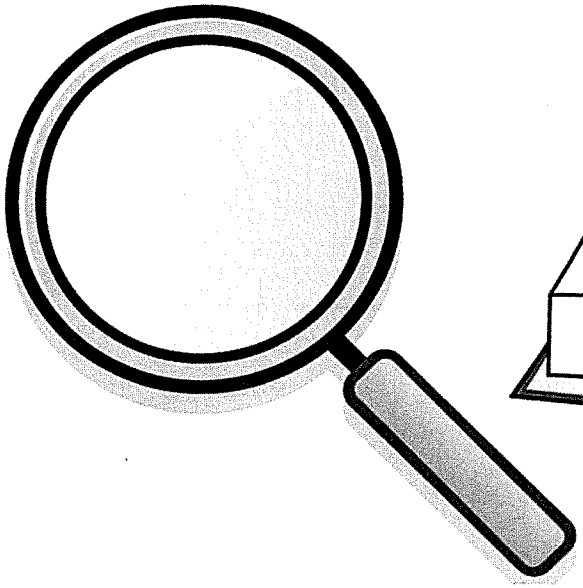
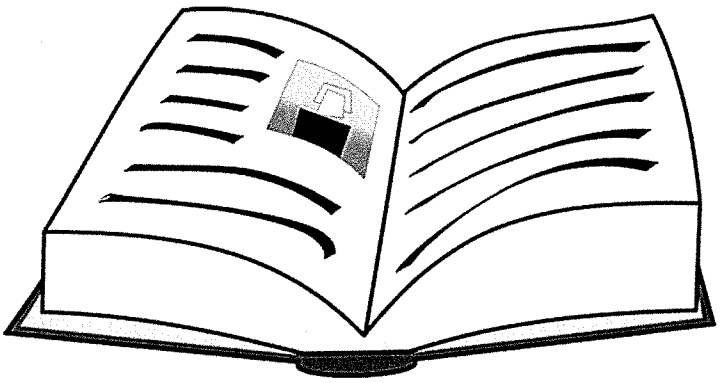
Close Reading

March 1st-5th, 2021

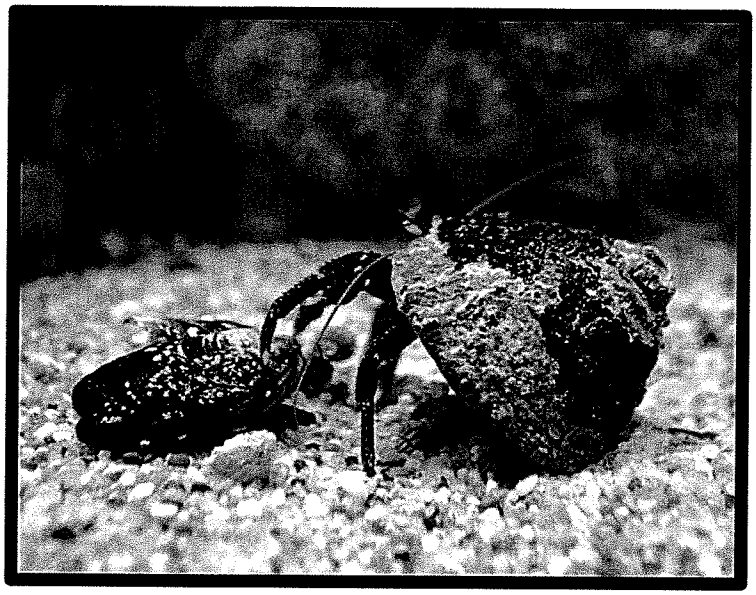
Name:





Name:

Hermit Crab



Hermit crabs are crustaceans that must live in a shell for protection. They have soft abdomens that the shells protect. They also use their shells to store water to keep their gills moist so they can breathe.

Hermit crabs make good pets that can live from 5 to 15 years. They are nocturnal, which means they move around a lot at night. They are also very social and like

to live in groups.

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1. Remembering: Main Idea

Who? ⟶ _____

What? ⟶ _____

Why? ⟶ _____

2. Understanding: Details

Write 3 sentences about what you remember or learned.

_____

_____

_____

3. Applying

Why is it important for the hermit crab to live in a shell?

_____

4. Analyzing

What are some parts of a hermit crab?

5. Evaluating

If it was daytime and the hermit crab was alone, what do you think you would see?

6. Creating

What is the most important reason that the hermit crab keeps its gills moist?

7. Your Opinion

What was the most interesting fact you learned about a hermit crab?

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Stop and Jot!

main idea

connection

surprising detail

Stop and Jot!

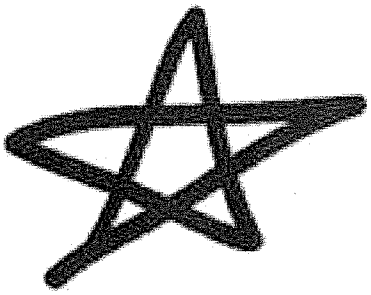
unfamilar word, phrase, or content

underline

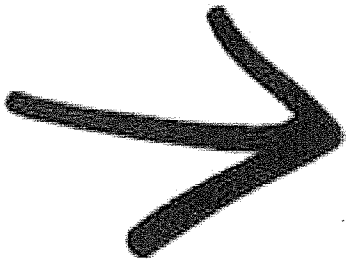
key detail

"I understand"

Note-Taking Guide



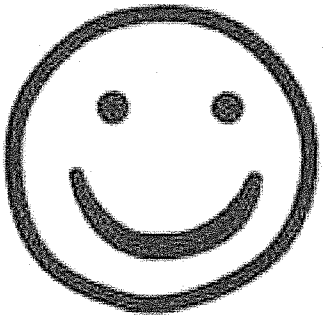
main idea



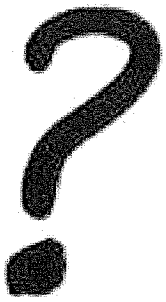
connection

underline

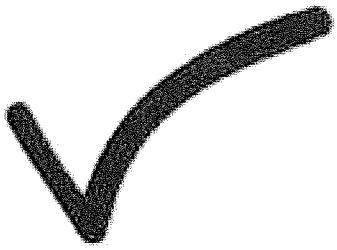
key detail



surprising detail



unfamilar word, phrase, or content



"I understand"

Reading A-Z

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