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

Monday
December 7th
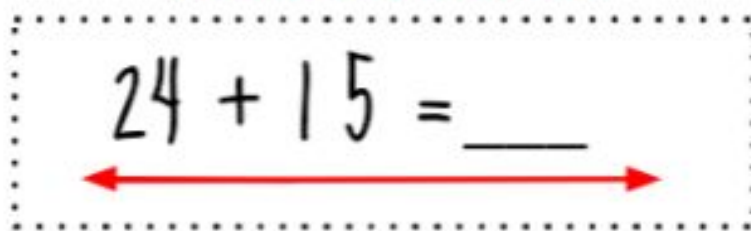
Name:

Concept development: Write the number in Unit form and expanded form:

Standard	Unit	Expanded
157	1 hundred 5 tens 7 ones	100 + 50 +7
236		
698		

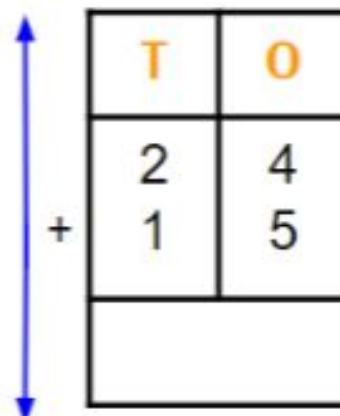## We've learned to add numbers horizontally using different mental strategies.

horizontal is side by side

$$24 + 15 = \underline{\hphantom{000}}$$

We can also write numbers vertically, with one number above the other so that each digit is in the correct place value column.

$$24 + 15 = \underline{\hphantom{000}}$$

vertical is up and down

T	O
2	4
1	5

+

3. **Now, it's your turn to solve vertically! Draw your disks first.**

Tens	Ones
☐	
2	5
+ 1	7

T	O

4. **Try solving vertically again! Make sure to draw your place value disks first.**

Tens	Ones
☐	
1	8
+ 2	3

T	O

5. **Try solving vertically again! Make sure to draw your place value disks first.**

Tens	Ones
☐	
3	2
+ 2	9

T	O

Name _____   Date _____

1. Solve the following problems using the vertical form, your place value chart, and place value disks. Bundle a ten, when necessary. Think about which ones you can solve mentally, too!

    a. 22 + 8   21 + 9

    b. 34 + 17   33 + 18

    c. 48 + 34   46 + 36

    d. 27 + 68   26 + 69

Lesson 7	Place It Vertically
G:2 M:4	**ZEARN STUDENT NOTES**

Name:_____ **Date:**_____

Complete: ☐ **Class:**_____

1 a. Show 25 and 17 in the place value chart.

b. Bundle 10 ones to make 1 ten.

c. Find the total number of ones and tens and solve.

SHOW YOUR WORK

hundreds	tens	ones
	⑩ ⑩	① ① ① ① ①

$$\begin{array}{r} 25 \\ +\ 17 \\ \hline \end{array}$$

_____ tens _____ ones

Name:_____ Date:_____

Complete: ☐   Class:_____

1. Solve the following problems using the vertical form, your place value chart, and place value disks. Bundle a ten, if needed. Think about which ones you can solve mentally, too!

   a. 47 + 34

   b. 54 + 27

Non-Fiction Text Feature Scavenger Hunt

Text Feature	Where did you find it?	How does it help you understand the text?
Table of Contents		
Headings		
Maps		
Diagrams		
Glossary		
Bullets, Asterisks, or Stars		
Captions		
Bold words		

7

This desert blond tarantula has a bald patch where it kicked off some stiff hairs to sting an enemy. The hairs will grow back again after the tarantula molts.

A tarantula is covered with hairs. The hairs **sense** heat, cold, and things that move. Other hairs near its mouth help a tarantula taste and smell. Stiff hairs with points grow on its stomach and back. A tarantula can sting enemies with these hairs.

This Ecuadorian brown velvet tarantula is *molting*, or pushing out of its old skin.

Hard, Hairy Bodies

Like insects and other spiders, tarantulas have a hard covering on their body. As they grow, the covering gets too tight and splits down the middle. After a tarantula pushes out of the old skin, its new skin gets hard.

Name _____

Topic _____

K.W.L Chart

Date _____

What I Know	What I Want to Know	What I Have Learned
Tarantulas have hairy bodies.	Why do tarantulas have hair bodies?	Tarantulas have hairy bodies because...

Farmer Andino's chickens laid 47 brown eggs and
39 white eggs. How many eggs did the chickens lay in all?

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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Tuesday
December 8th

Concept development:

Problem 1: 32 + 24 = _____

Tens	Ones
+	

T	O

Problem 2: 19 + 41 = _____

Tens	Ones
+	

T	O

Problem 3: 57 + 28= _____

Tens	Ones
+	

T	O

Problem 4: 15 + 68 = _____

Tens	Ones
+	

T	O

Problem 5: 29 + 52 = _____

Tens	Ones
+	

T	O

Problem 6: 64 + 27 = _____

Tens	Ones
+	

T	O

Name _____   Date _____

1. Solve vertically. Draw and bundle place value disks on the place value chart.

   a. 26 + 35 = _____
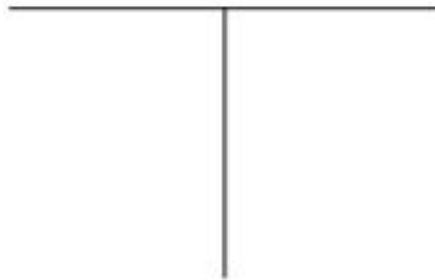
   b. 28 + 14 = _____

   c. 35 + 27 = _____

   d. 23 + 46 = _____

EUREKA
MATH | Lesson 8:   Use math drawings to represent the composition and relate drawings
                           to a written method.   engage^ny
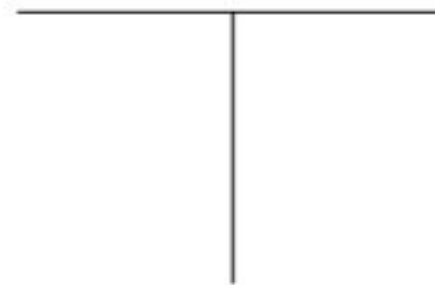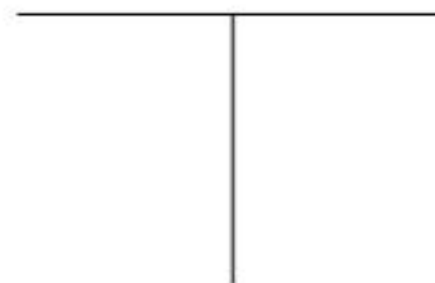
Name:_____ **Date:**_____

Complete: ☐ **Class:**_____

1 Kayla brought grapes to school for a snack. She had 57 green grapes and 28 red grapes.

How many grapes did she bring to school?

a. Show 57 and 28 in the place value chart.
b. Bundle 10 ones to make 1 ten.
c. Find the total number of ones and tens and solve.

SHOW YOUR WORK

hundreds	tens	ones

$$\begin{array}{r} 57 \\ +\ 28 \\ \hline \end{array}$$

_____ tens   _____ ones

Kayla had _____ grapes in total.

Name:_____ **Date:**_____

Complete: ☐ **Class:**_____

1. Use place value language to explain Zane's mistake. Then, solve using the vertical form. Draw and bundle place value disks on your place value chart.

ZANE'S ANSWER

1. $59 + 35 =$ _____

9

3
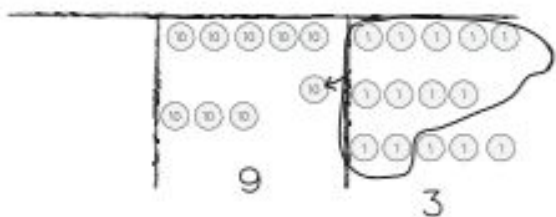
ZANE'S MISTAKE

YOUR ANSWER

Nonfiction Readers Survey the Text

What is the title of the section or chapter?

What text features pop out at you?

Think about the facts. What is the main idea?

Make a prediction about the main idea.

At the school fair, 29 cupcakes were sold, and 19 were left over. How many cupcakes were brought to the fair?

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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Wednesday December 9th

1.)   34 + 18 = _____

hundreds	tens	ones

2.)   134 + 18 = _____

hundreds	tens	ones

3.)   114 + 37 = _____

hundreds	tens	ones

d. 57 + 138 = _____

hundreds	tens	ones

2. Jose sold 127 books in the morning. He sold another 35 books in the afternoon. At the end of the day he had 19 books left.

a. How many books did Jose sell?

hundreds	tens	ones

b. How many books did Jose have at the beginning of the day?

hundreds	tens	ones

Name _____   Date _____

1. Solve using the algorithm. Draw and bundle chips on the place value chart.

    a. 127 + 14 = _____

hundreds	tens	ones

    b. 135 + 46 = _____

hundreds	tens	ones

    c. 108 + 37 = _____

hundreds	tens	ones

EUREKA MATH™ | Lesson 9: Use math drawings to represent the composition when adding a two-digit to a three-digit addend.

engage^ny   22

WHAT DO THESE DINOSAURS EAT?

To find out, compare the teeth.

Which skull has pointy teeth for grabbing an animal?

☐ A ☐ B

Look at the back teeth. Which skull has flat teeth for chewing?

☐ A ☐ B

Which skull has a beak that could cut through grass or leaves?

☐ A ☐ B

CLOSEUP OF
BACK TEETH

SKULL B

What does this dinosaur eat?

☐ Plants ☐ Meat/Fish

SKULL A

What does this dinosaur eat?

☐ Plants ☐ Meat/Fish

MYSTERY science

23

WHAT DO THESE DINOSAURS EAT?

To figure out the answer, look at the teeth.

(Circle) your answer for each dinosaur.

PLANTS   OR   MEAT/FISH

CLOSEUP OF BACK TEETH

PLANTS   OR   MEAT/FISH

CLOSEUP OF BACK TEETH

PLANTS   OR   MEAT/FISH

PLANTS   OR   MEAT/FISH

MYSTERY science

Animals Through Time | Mystery 2

3

24

WHAT DO THESE ANIMALS EAT?

Draw a circle around the sharp teeth that can grab prey.

Draw an arrow pointing to the front teeth that can cut through grass or leaves.

Draw a box around the flat teeth for chewing.

Raccoon

I think this animal eats _____

because _____

Heterodontosaurus

I think this animal eats _____

because _____

Maria spilled a box of paper clips. They landed on her desk and on the floor. 20 of them landed on her desk. Five more fell on the floor than landed on her desk. How many paper clips did she spill?

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

Thursday
December 10th

Name _____   Date _____

1. Solve using the algorithm. Draw chips and bundle when you can.

   a. 127 + 18 = _____

hundreds	tens	ones

   b. 136 + 16 = _____

hundreds	tens	ones

   c. 109 + 41 = _____

hundreds	tens	ones

   d. 29 + 148 = _____

hundreds	tens	ones

EUREKA MATH

Lesson 10: Use math drawings to represent the composition when adding a two-digit to a three-digit addend.

engage^{ny}

Name _____   Date _____

1. Solve using the algorithm. Draw chips and bundle when you can.

   a. 125 + 17 = _____

hundreds	tens	ones

   b. 148 + 14 = _____

hundreds	tens	ones

   c. 107 + 56 = _____

hundreds	tens	ones

   d. 38 + 149 = _____

hundreds	tens	ones

Lesson 10 G:2 M:4	Build and Bundle
	ZEARN STUDENT NOTES

Name:_____ Date:_____

Complete: ☐ Class:_____

1 Ms. Anderson bought 35 crayons on Monday, and 106 crayons on Tuesday.

How many crayons did she buy in total?

Use the place value chart to show your work. Record your answer in the algorithm.

SHOW YOUR WORK

hundreds	tens	ones

$$
\begin{array}{r}
35 \\
+\ 106 \\
\hline
\end{array}
$$

Ms. Anderson bought _____ crayons in total.

Name:_____   Date:_____

Complete: ☐   Class:_____

1. Solve using the algorithm. Draw disks and bundle when you can.

SHOW YOUR WORK

27 + 137

hundreds	tens	ones

Fossils are the **remains** of plants or animals from long ago that have turned to stone. Scientists have found many different types of dinosaur fossils, including bones, footprints, teeth, nests, and eggs.

footprints

tooth

bones

skeleton

egg

Many dinosaur fossils are on display in natural history museums.

Finding Fossils

How do we know **dinosaurs** lived on Earth? Scientists discover **fossils** in rocks all over the world. Studying fossils helps them learn about dinosaurs. They study what dinosaurs looked like, where they lived, and what they ate.

Use the word in a sentence.

Non-example.

fossil

Definition- What does it mean?

Image

footprints

bones

skeleton

tooth

egg

33
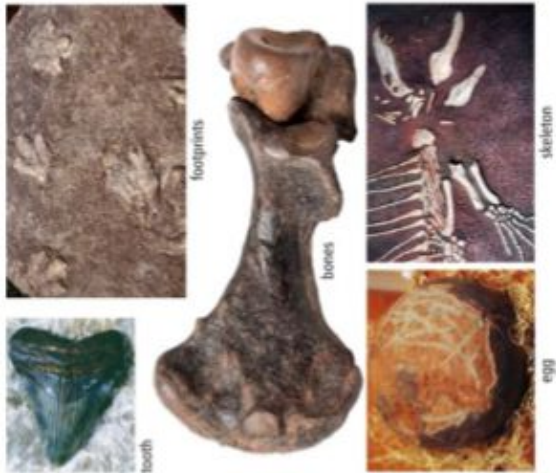
Moises sold 24 raffle tickets on Monday and 4 fewer tickets on Tuesday. How many tickets did he sell in all on both days?

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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Friday
December 11th

1. Solve using the algorithm. Draw and bundle chips on the place value chart.
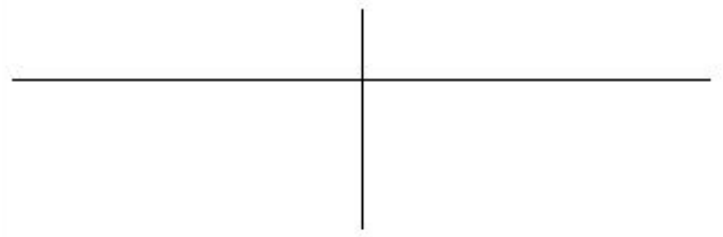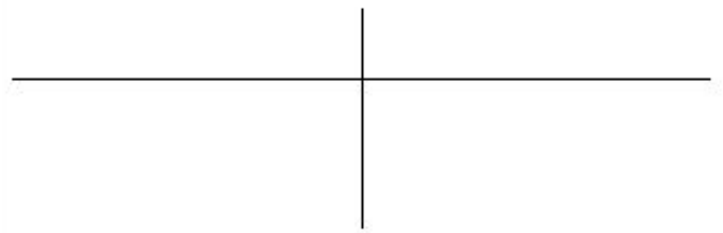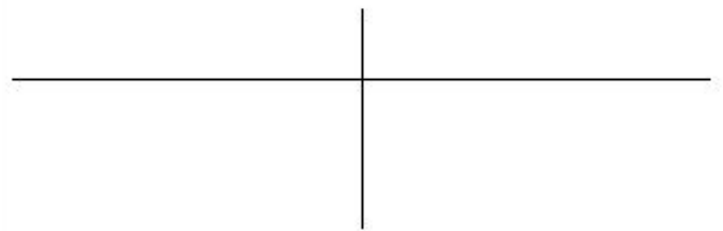
a. 34 + 28	
b. 61 + 14	
c. 46 + 47	
d. 19 + 32	
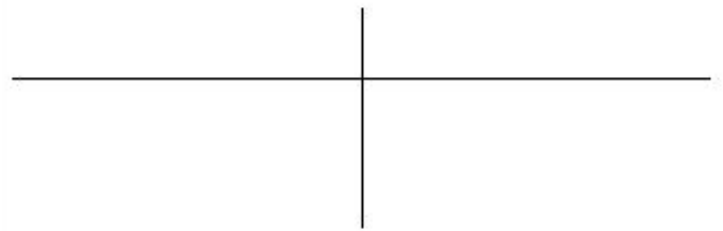
2. Solve using the algorithm. Draw and bundle chips on the place value chart.
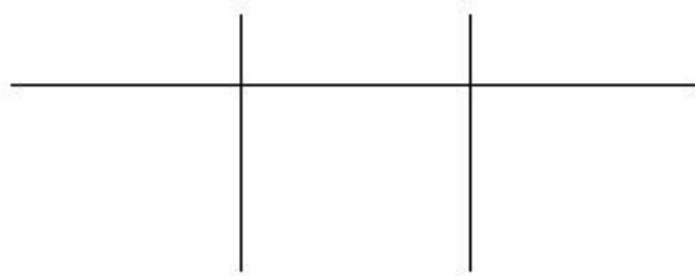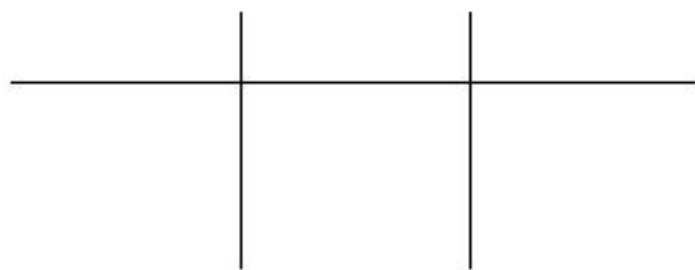
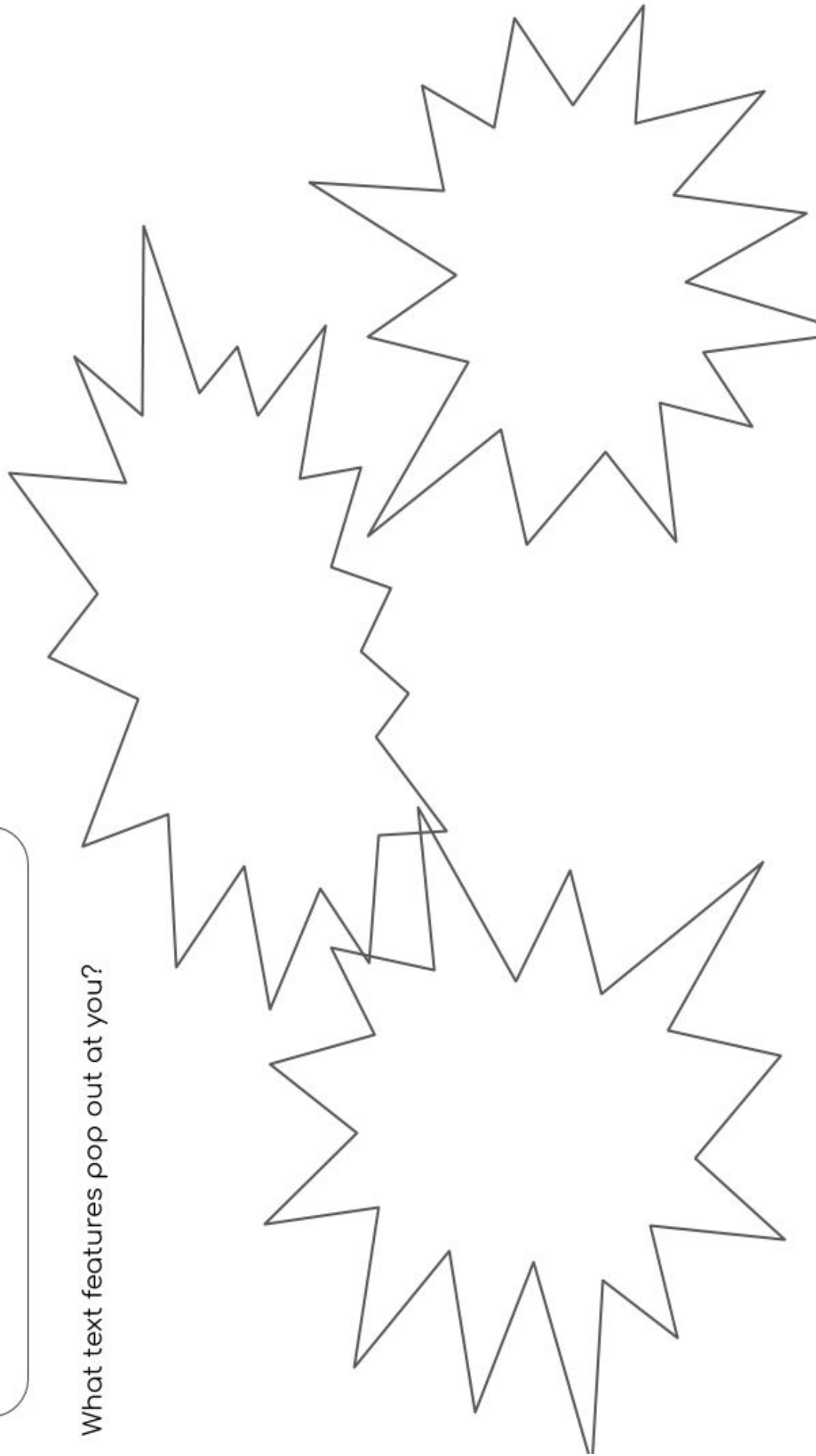| a.   132 + 26 | |
b. 248 + 33	
c. 212 + 67	
d. 137 + 38	
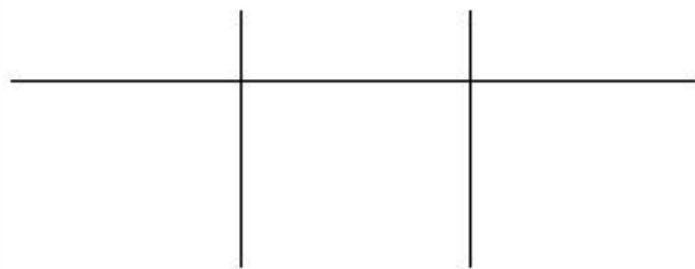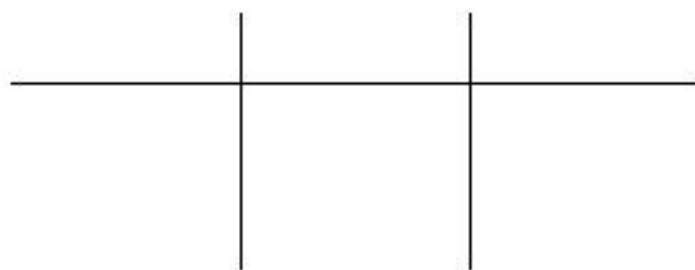
Nonfiction Readers Survey the Text

What is the title of the section or chapter?

What text features pop out at you?

WHAT?

What is the topic?

SO
WHAT?

What does the author want me to understand about the topic?

AND   WHAT?