

# 4<sup>th</sup> Grade Math & ELA

## **Week of March 24<sup>th</sup>-27<sup>th</sup>**

Tuesday-Place Value 4.2(B) #1-10

Wednesday-Summarizing/Main Idea

Thursday-Representing Decimals 4.2(E) #1-10

Friday-Word meaning/Context Clues & AR/Hot-Spot

**ELA:** At the end of the week please send picture of your work to your specific content teacher to Remind or email.

**Math:** At the end of the week please send the picture of your answer sheet to Mrs. LeBlanc via Remind or email.

## **Questions??**

### **Teacher Office hours**

Ms. Witherspoon (MWF) 11:00 am-12:00 pm (Writing)

Mrs. Garcia (MWF) 1:00 pm -2:00 pm (Reading)

Ms. Howard (MWF) 9:00 am-10:00 am (Reading CSI)

Mrs. LeBlanc (Tues/Th) 11:00 am- 12:00 pm (Math)

Friday-all teachers

You can access free books through the app below:



## 4<sup>th</sup> Grade Math & ELA

Scan QR code or go to link to join meeting during office hours.

Mrs. LeBlanc: <https://zoom.us/j/6668470873>



Ms. Witherspoon: <https://zoom.us/j/4486418508>



Ms. Howard: 767 275 4896



Mrs. Garcia: <https://zoom.us/j/4070050085>



If unable to meet during office hours you can email questions to:

[tanisha.leblanc@ideapublicschools.org](mailto:tanisha.leblanc@ideapublicschools.org)

[ashley.garcia@ideapublicschools.org](mailto:ashley.garcia@ideapublicschools.org)

[janay.howard@ideapublicschools.org](mailto:janay.howard@ideapublicschools.org)

[kimberly.witherspoon@ideapublicschools.org](mailto:kimberly.witherspoon@ideapublicschools.org)

Name \_\_\_\_\_ Date \_\_\_\_\_

**Determine the Meaning of Grade-level Academic English Words Derived from Latin, Greek, or Other Linguistic Roots and Affixes**

**Read the passage before answering the questions below.**

1 Franco turned the corner next to his room and almost collided with Serena and Cathy. The girls seemed to be having an argument. Franco stopped to see if he could help.

2 “I am going to dispute your way of thinking about what the money should be used for,” said Cathy. “You think it should be used for more library books, but I think it should go toward art supplies and materials.”

3 “Cathy, I want to reassure you that I want what is best for the school,” said Serena. “Remember when we worked on the open house? Both of us helped make sure the school was in the spotlight. We worked together.”

1. In paragraph 3, the word reassure means to

- A fix.
- B try.
- C start over again.
- D make certain again.

2. What does the word dispute mean in paragraph 2?

- F Not agree with
- G Given special care
- H Not want to believe
- J Taken away from

Name \_\_\_\_\_ Date \_\_\_\_\_

**Using the Context to Determine the Meaning of Words**

**Read the passage before answering the questions below.**

1     “I am going to assign you some work that may take you a while to finish,” said Ms. Garcia. “As I hand out the work, I caution you to make sure that you do not wait until the last minute to get started. I want to tell you ahead of time. You do not want to have to rush everything together. The work will most likely be sloppy and not complete if you get in a hurry.”

1. The word assign in paragraph 1 means to

- A find.
- B give.
- C pick.
- D show.

2. What does the word caution mean in paragraph 1?

- F Force
- G Harm
- H Search
- J Warn

Name \_\_\_\_\_ Date \_\_\_\_\_

**Use a Dictionary or Glossary to Determine the Meanings, Syllabication, and Pronunciation of Unknown Words**

**Read the passage before answering the questions below.**

1 Ti'Adra checked her fishing line once more. Nothing was any different. The hook still held the bait. The red and white bobber floated on top of each wave as the wind blew over the water. Tadpoles were active in a pile of underwater rocks near where Ti'Adra sat. Dragonflies flittered here and there in search of a quick meal. Ti'Adra was hoping for the same, but so far no luck. Her mom and two sisters were waiting at home for her catch. They would be agreeable to just about any kind or size of fish. It did not matter to them. A pan and oil were ready to go.

1. Read the meanings below for the word active.

**active** (ak' tiv) *adj.* 1. working  
2. moving 3. lively 4. telling the voice of a verb

Which meaning best fits the way active is used in paragraph 1?

- A Meaning 1
- B Meaning 2
- C Meaning 3
- D Meaning 4

2. Read the definitions below for the word agreeable.

**agreeable** (ə grē' ə bəl) *adj.* 1. pleasing 2. okay 3. willing to change 4. willing to accept

Which definition best fits the way agreeable is used in paragraph 1?

- F Definition 1
- G Definition 2
- H Definition 3
- J Definition 4

Name \_\_\_\_\_ Date \_\_\_\_\_

**Use a Dictionary or Glossary to Determine the Meanings, Syllabication, and Pronunciation of Unknown Words**

**Read the selection below before answering the questions below.**

1 Ti'Adra agreed to the idea. The two girls would alternate fixing each other's line. Sandra busied herself with preparing Ti'Adra's hook. Ti'Adra watched so she would know what to do next time. The hook was lowered into the water. Less than a minute later, Ti'Adra's line went taut. This time, as Ti'Adra reeled in the line, the fish stayed hooked. Out of the water rose a fish about twelve inches long.

2 "Wow!" said Ti'Adra. "Thanks, Sandra. If I can apply what you have shown me, I can catch some fish in a couple of minutes and get home before the storm hits."

3 "Well, let's fix your hook and get you some fish," said Sandra.

1. Read the definitions below for the word alternate.

**alternate** (ôl' tər nit) *adj.* 1. every other; *noun* 1. something that takes the place of; *verb* 1. to take turns  
2. to take turns regularly

Which definition best fits the way alternate is used in paragraph 1?

- A Definition 1 – adj.
- B Definition 1 - noun
- C Definition 1 - verb
- D Definition 2 - verb

2. Read the meanings below for the word apply.

**apply** (ə plī') *verb* 1. to put on  
2. to put to use 3. to ask 4. to be the right one

Which meaning best fits the way apply is used in paragraph 1?

- F Meaning 1
- G Meaning 2
- H Meaning 3
- J Meaning 4

**Summarize and Explain the Lesson or Message of a Work of Fiction as Its Theme**

**Read the selection before answering the question below.**

1 Naomi and the other members of the club scattered around the playground. Each one carried a plastic bag. Bending over and with glove-covered hands, they picked up the abundance of trash that covered the ground. Strong winds over the past week had blown paper cups, newspapers, bottles, and food wrappers all over the ground next to their school.

2 “Remember this is our playground. We need to keep it clean. It is our time to give back. Don’t forget to check on the other side of the swings,” said Naomi. “We’ll take a rest break before too long.”

3 “Carl and I will go clean that section,” said Isaiah. The two boys made their way over the gravel and began to snatch up big pieces of trash piled against the wire fence that marked this edge of the playground. Shoving the paper and plastic garbage into bags, Carl and Isaiah soon had them filled. Naomi rushed over and handed them a couple more. After a few more minutes of grabbing and stuffing, these bags were also full. Carl and Isaiah tied their bags, dropped them off at the gate near the parking lot, opened another bag each, and headed to an unclaimed spot near the climbing bars.

4 “Wow!” exclaimed Naomi. “You guys are fast! We will have cleaned up this whole playground before we have to stop for lunch if you keep this up!”

**1. What is the message of this passage?**

- A** Work fast to get things done.
- B** Take care of what is yours.
- C** Have friends to help you get things done.
- D** Work hard, but get lots of rest.

Name \_\_\_\_\_ Date \_\_\_\_\_

**Summarize and Explain the Lesson or Message of a Work of Fiction as Its Theme**

**Read the selection before answering the question below.**

1 “This work is going to be so easy,” Jason said to his lab partner, Jocelyn, as he opened his notebook and searched his pockets for a pencil.

2 “What makes you think that?” asked Jocelyn, handing Jason one of her pencils.

3 “I read about this stuff last year,” Jason replied. “Thanks for the pencil. I know mine’s around here somewhere.”

4 “I know something about this, too, from the other school I went to until I moved here,” said Jocelyn. “I think this will be more difficult than you think. Remember the test last week? It was hard.”

5 Jason stopped rummaging through his notebook for the correct page and stared at Jocelyn. “Yeah, you’re right. It was kind of hard.”

6 “And remember the work the week before?” Jocelyn added. “I would ask a question and you would interrupt by asking Mr. Parker for help. I know because you kept knocking my book on the floor every time you raised your hand.”

7 “That’s true,” agreed Jason. “You are right, so I guess we have to get to work on this. It is better to be safe than sorry. By the way, have you seen my pencil?”

**2. What is the lesson to be learned from this passage?**

- F** Friends make things fun.
- G** Be prepared.
- H** Help your friends.
- J** Do well in school.



**Summarize and Explain the Lesson or Message of a Work of Fiction as Its Theme**

**Read the selection before answering the question below.**

- 1 Lily clapped her hands and slapped the back of the boy sitting next to her in the stands.
- 2 “Yippee! Way to go team!” Lily shouted. “Did you see that play, Joe?” It was great. We have a four point lead, and there are only fifteen seconds left in the game. We have this one wrapped up. Let’s leave now before the crowd hits the parking lot. I want to start celebrating right away.”
- 3 “Maybe,” replied Joe. “We still have to kick off to the other team. They have already run one kickoff back for a score earlier in the game. And our players are beginning to look tired. I hope we have the lead for good, but I’m not so sure.”
- 4 “Oh, Joe, you think too much,” said Lily. “Just watch.”
- 5 Lily and Joe stood in time to see the ball sail over the field to a player on the other team. Zigzagging across the grass, the player sped through untouched and made another score as time ran out.
- 6 Lily grabbed her hair with both hands and sat down hard. Tears began streaming down her cheeks.
- 7 “What happened?” sobbed Lily.
- 8 Around her, a suddenly silent crowd slowly made its way to the exits.
- 9 Joe muttered to himself, “Maybe next year.”

**1. What is the lesson to be learned from this passage?**

- A** Wait until the end to see what happens.
- B** Try hard to win.
- C** Practice is the way to get better.
- D** Listen to your friends.

**Summarize and Explain the Lesson or Message of a Work of Fiction as Its Theme****Read the passage before answering the question below.**

- 1 "Do you think you are trying to do too much at the same time?" asked Mom. "You have been awfully busy the last couple of weeks. Your school work is beginning to suffer, and you aren't getting much sleep."
- 2 "I'm okay, Mom," said Carlos. "Once these tests are over, the play performance gets here, and the last football game of the season ends, I will be able to take it easy."
- 3 "The election for class president is next week. It is quite an important job, but you will be even busier if you win," said Mom. "Do you think you will be able to handle it all? You are running against your best friend, Robert. What do you think winning against him would do to your friendship?"
- 4 "That is a bit of a problem," agreed Carlos. "Things have not been the same between us since we both decided to run for class president. We seem to get in a lot of arguments lately. Maybe I should drop out of the race. Our friendship is worth more than me being president."
- 5 "You have been friends since before you both started going to school," said Mom. "That is a lot of years. You two have done many things together and helped each other out quite a few times."
- 6 "We aren't that different about what we want to do as class president," said Carlos. "If I drop out, I can still support Robert, get things done by helping him, and not be quite so busy. That is what I'm going to do, Mom. I'll tell the election chairperson first thing tomorrow morning. Boy, will Robert be surprised."

**2. What is the message of this selection?**

- F** Friends can help you through life.
- G** Stay busy and get things done.
- H** Work hard and do your best.
- J** Friendship is what is important.

**Summarize and Explain the Lesson or Message of a Work of Fiction as Its Theme**

**Read the passage before answering the question below.**

**The Sheep Herder and the Knitting Needles**

- 1 Springtime always cheered Olaf. The long winter kept him indoors much of the time. Warmer spring temperatures melted the great snows up in the high mountains. This gave him a chance to visit the forests, mountain passes, and bubbling streams that gurgled their way to bigger rivers on down the mountains.
- 2 Olaf's sheep were also ready to leave the cramped and stuffy barn. They longed to jump and leap in the fields of bright flowers and feast on the new grass that dotted the meadows up and down the sides of the mountain.
- 3 Each year, Olaf waited for the new lambs to be born in the spring. He helped take care of each one and watched them grow. He sheared the wool and turned it into yarn. Some of the yarn was knitted into clothes to be sold in the village. Other yarn was sold for others to turn into beautiful cloth, sweaters, or hats. But this spring, Olaf needed to get a new pair of knitting needles. Somehow he had misplaced his old needles. He looked high and low, but they were nowhere to be found.
- 4 The meadows were a long mile up one of the mountains. Early each day, Olaf hiked with the sheep up and back. A narrow trail twisted and turned its way from the barn to the meadows. One morning, as Olaf herded his sheep along the trail, he spotted an old woman sitting on a rock. Surprised to see her, Olaf greeted the woman with a smile. She quietly asked if he could spare a bite to eat. Olaf had a pail full of bread and soup. He would be hungry later, but he knew that he had more food back home. Without hesitating, Olaf handed the woman his pail and wished her a good day. She thanked him and watched as he continued up the trail.
- 5 On the way home, Olaf looked for the woman. When he got to the spot where she had been waiting earlier, no one was around. Looking closer, Olaf saw a pair of golden knitting needles.

3. What is the lesson to be learned from this passage?

- A Get up early and finish your work.
- B Springtime holds many surprises.
- C Helping others has its own rewards.
- D Take time to enjoy the outdoors.

**Summarize and Explain the Lesson or Message of a Work of Fiction as Its Theme**

**Read the selection before answering the question below.**

**The Stranger**

1 A kindly king ruled his kingdom like a father cares for his children. He provided the people with jobs and protection. He treated each person fairly and honestly. The people loved their king and respected him as a ruler as well as a friend. Over the years, the kingdom fell upon hard times. The king tried to take care of his people, but jobs were scarce and money was even harder to find. The royal treasury was slowly running out of money.

2 One day, a stranger came to the kingdom. He told the king of a place not far away that boasted of jewels more beautiful and valuable than any other. Always smiling or laughing, the stranger convinced the king to give him the last of the kingdom's gold. He assured the king that he would return with so many riches that the king would once again be able to take good care of the people in the kingdom.

3 The king was not sure whether to trust the stranger. But the aging king loved the people so and wanted them to be well. With a heavy heart, he emptied the gold and silver from the royal bank and gave it to the stranger. The king sat on his throne and waited. The kingdom was broke, but the king had hope.

4 Weeks went by and still the stranger did not return. The king grew sadder with each passing day. He realized he had done the wrong thing. Word got out that he had given all of his money away. But instead of getting angry, the people of the kingdom rallied around their beloved king. Digging up boxes from their yards, cutting open mattresses, and raiding old tin cans, the people got together and presented the king with more gold and silver than had ever been in the royal bank for a long time.

**4. What is the message of this selection?**

- F** Keep your belongings safe.
- G** Kindness is often returned.
- H** Good times come to an end.
- J** Riches are hard to come by.

**Summarize and Explain the Lesson or Message of a Work of Fiction as Its Theme**

**Read the selection before answering the question below.**

1 Dad opened the front door to the scent of many familiar smells. Coming into the house from work, he headed straight for the kitchen. Rounding the corner, he already knew what he would find there. Standing at the kitchen stove, an apron tied around his waist, and stirring a spoon in a pot, Myles flashed his father a smile.

2 “Hi, Dad,” said Myles. “I was hoping you’d get home soon. Supper’s almost ready.”

3 “It sure looks and smells good, as usual,” replied Dad. “Where’s your grandmother?”

4 “Grandma’s resting on the back porch,” said Myles. “She’s a bit tired from going to the food store, helping me finish my homework, and doing the dishes. I told her she deserved a rest.”

5 “Good job,” said Dad. “I wonder about her. She’s not as young as she used to be. I wish I could be home sooner and more often to help.”

6 “Don’t worry, Dad,” said Myles. “Grandma and I will be fine. I will watch over her. I come straight home from school. She has taught me so much about baking and cooking. It’s great. Since your company moved, it’s a long drive for you to and from work each day.”

7 “Yes, it is, but that’s okay,” said Dad. “At least I still have a job.”

**1. What is the message of this passage?**

- A** Learn how to take care of yourself.
- B** Take care of your family.
- C** Get plenty of rest.
- D** Make plans for the future.



## Assessment 1

Write a composition about a time when you solved a problem.

The information in the box below will help you remember what you should think about when you write your composition.

### REMEMBER—YOU SHOULD

- ☐ write about a time when you solved a problem
- ☐ make sure that each sentence you write helps the reader understand your composition
- ☐ write about your ideas in detail so that the reader really understands what you are saying
- ☐ try to use correct spelling, capitalization, punctuation, grammar, and sentences





STAAR WRITTEN COMPOSITIONS  
EXAMPLE OF LINED PAGE

INDENT

INTRO

INDENT

BODY

INDENT

CONC

STUDENTS MAY NOT WRITE OUTSIDE THE BOX

STAAR WRITTEN COMPOSITIONS  
EXAMPLE OF LINED PAGE

A large rectangular box with a thick black border, containing 25 horizontal lines for writing. The lines are evenly spaced and extend across the width of the box.

STUDENTS MAY NOT WRITE OUTSIDE THE BOX

NAME \_\_\_\_\_

DATE \_\_\_\_\_

SCORE \_\_\_\_/10

**4.2B Mini-Assessment 1**

1. Which of the following shows 37.9 written in expanded notation?

**A**  $30 + 7 + 0.09$

**B**  $37 + 0.9$

**C**  $30 + 7 + 0.9$

**D**  $3 + 0.7 + 0.09$

2. What is the value of the 5 in the number 356,048?

**F**  $(5 \times 100,000)$

**G**  $(5 \times 1,000)$

**H**  $(5 \times 10,000)$

**J**  $(5 \times 10)$

3. The city of Chicago received 13.4 inches of snow during a snow storm in 2014. Which of the following shows 13.4 written in expanded notation?

**A**  $10 + 3 + 0.04$

**B**  $10 + 3 + 0.4$

**C**  $10 + 0.3 + 0.04$

**D**  $10 + 3 + 4$

4. What is the value of the 2 in the number 346,578.29?

**F**  $(2 \times 100)$

**G**  $(2 \times 10)$

**H**  $(2 \times 0.1)$

**J**  $(2 \times 0.01)$

5. Which of the following is the number 30.41 written in expanded form?

**A**  $3 + 0.4 + 0.01$

**B**  $30 + 4 + 0.1$

**C**  $3 + 4 + 0.1$

**D**  $30 + 0.4 + 0.01$

6. Jessica wrote the number 42,573 in expanded form.

$$40,000 + 2,000 + \square + 70 + 3$$

What number is missing in the expanded form of 42,573?

Record your answer and fill in the bubbles on the grid. Be sure to use the correct place value.

0	0	0		0	0
1	1	1		1	1
2	2	2		2	2
3	3	3		3	3
4	4	4		4	4
5	5	5		5	5
6	6	6		6	6
7	7	7		7	7
8	8	8		8	8
9	9	9		9	9

7. Which of the following is fifty-nine hundredths written in standard form?

- A 5.09
- B 5.9
- C 0.95
- D 0.59

8. What is the value of the digit 3 in 1,834,672?

- F 300,000
- G 3,000
- H 30,000
- J 30

9. Which of the following is the number 3.05 written in expanded form?

- A  $3 + 0.5$
- B  $0.3 + 0.5$
- C  $3 + 0.05$
- D  $30 + 0.05$

10. Lance wrote 90,077 in expanded form.

$$90,000 + \square + 7$$

What number is missing in the expanded form of 90,077?

Record your answer and fill in the bubbles on the grid. Be sure to use the correct place value.

			.		
0	0	0		0	0
1	1	1		1	1
2	2	2		2	2
3	3	3		3	3
4	4	4		4	4
5	5	5		5	5
6	6	6		6	6
7	7	7		7	7
8	8	8		8	8
9	9	9		9	9

1 Mount Everest, the tallest mountain in the world, is 29,029 feet tall. This is 8,793 feet taller than Mount McKinley, the tallest mountain in the United States. How tall is Mount McKinley?

- A 20,236 feet    C 20,936 feet  
B 21,776 feet    D 20,336 feet

2 Bernadette's car weighs 1.75 tons. Melanie's car weighs 2.5 tons. Which shows the combined weight of their cars?

- F 3.8 tons    H 4.0 tons  
G 4.25 tons    J 4.85 tons

3 If Demont's height increases by 1.75 inches over the next 12 months, he will be 58.0 inches tall. How tall is Demont right now?

- A 59.75 inches    C 57.25 inches  
B 57.75 inches    D 56.25 inches

4 Mr. Young is going to buy a new RV that costs \$79,495 or a used RV that costs \$25,599. Which shows the difference in price between the new and used RVs?

- F \$54,104    H \$53,896  
G \$53,986    J \$53,994

5 Kumani drank 4.8 fluid ounces of water after recess. Harriet drank 2:1 more fluid ounces of water than Kumani. Measured in fluid ounces, how much water did Kumani and Harriet drink combined?

0	0	0	.	0	0
1	1	1		1	1
2	2	2		2	2
3	3	3		3	3
4	4	4		4	4
5	5	5		5	5
6	6	6		6	6
7	7	7		7	7
8	8	8		8	8
9	9	9		9	9

1 The table shows the masses of four cats measured in kilograms.

Cat 1	3.25 kg
Cat 2	4.91 kg
Cat 3	4.69 kg
Cat 4	5.15 kg

What is the total mass of the four cats?

- A 17.84 kg    C 18.0 kg  
B 18.1 kg    D 18.05 kg

2 The population of Temple, Texas is 70,190. The population of Bryan, Texas is 78,709. Which shows the combined population of these two towns?

- F 148,799    H 147,899  
G 148,889    J 148,899

3 Alexander's paper airplane is 12.6 cm long. Heath's paper airplane is 2.25 cm shorter than Alexander's. In centimeters, how long is Heath's paper airplane?

0	0	0	.	0	0
1	1	1		1	1
2	2	2		2	2
3	3	3		3	3
4	4	4		4	4
5	5	5		5	5
6	6	6		6	6
7	7	7		7	7
8	8	8		8	8
9	9	9		9	9

4 Ms. Keller spent exactly \$3,132 for two gold rings from the choices below.

Ring A \$1,574

Ring C \$1,456

Ring B \$1,108

Ring D \$1,558

Which two rings did she buy?

- F A and D    H A and C  
G A and B    J C and D

# Math Only

Name

ZIPGRADE.COM

Quiz

Class

1 (A) (B) (C) (D) 9 (A) (B) (C) (D)

2 (F) (G) (H) (J) 10 (F) (G) (H) (J)

3 (A) (B) (C) (D)

4 (F) (G) (H) (J)

5 (A) (B) (C) (D)

6 (F) (G) (H) (J)

7 (A) (B) (C) (D)

8 (F) (G) (H) (J)

Distance Learning week 1 (1468)

Key

Name

ZIPGRADE.COM

Quiz

Class

1 (A) (B) (C) (D) 9 (A) (B) (C) (D)

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Distance Learning week 1 (1468)

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ZIPGRADE.COM

Quiz

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1 (A) (B) (C) (D) 9 (A) (B) (C) (D)

2 (F) (G) (H) (J) 10 (F) (G) (H) (J)

3 (A) (B) (C) (D)

4 (F) (G) (H) (J)

5 (A) (B) (C) (D)

6 (F) (G) (H) (J)

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Distance Learning week 1 (1468)

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5 (A) (B) (C) (D)

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Distance Learning week 1 (1468)

Key





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5	5	5		5	5
6	6	6		6	6
7	7	7		7	7
8	8	8		8	8
9	9	9		9	9

1 The table shows the masses of four cats measured in kilograms.

Cat 1	3.25 kg
Cat 2	4.91 kg
Cat 3	4.69 kg
Cat 4	5.15 kg

What is the total mass of the four cats?

- A 17.84 kg    C 18.0 kg  
B 18.1 kg    D 18.05 kg





2 The population of Temple, Texas is 70,190. The population of Bryan, Texas is 78,709. Which shows the combined population of these two towns?

- F 148,799    H 147,899  
G 148,889    J 148,899

3 Alexander's paper airplane is 12.6 cm long. Heath's paper airplane is 2.25 cm shorter than Alexander's. In centimeters, how long is Heath's paper airplane?

0	0	0	.	0	0
1	1	1		1	1
2	2	2		2	2
3	3	3		3	3
4	4	4		4	4
5	5	5		5	5
6	6	6		6	6
7	7	7		7	7
8	8	8		8	8
9	9	9		9	9

4 Ms. Keller spent exactly \$3,132 for two gold rings from the choices below.

- Ring A  \$1,574    Ring C  \$1,456  
Ring B  \$1,108    Ring D  \$1,558

Which two rings did she buy?

- F A and D    H A and C  
G A and B    J C and D

1 Diego made the array below.



The array represents the product of which two numbers?

- A 12 and 7    C 13 and 6  
B 13 and 8    D 13 and 7

2 Mrs. Cruz painted a mural in the library, the cafeteria, and the main hallway of Zia Elementary. If she was paid \$2,480 to paint each mural, how much was she paid in all?

- F \$7,410    H \$7,440  
G \$7,470    J \$7,240

3 Every time Tristan goes to Mr. Lusk's store, he buys a comic book and a pretzel. He pays \$7 for the comic book and \$5 for the pretzel. If Tristan goes to Mr. Lusk's store 36 times this year, how much will he spend?

- A \$432, because  $7 + 5 = 12$  and  $12 \times 36 = 432$   
B \$72, because  $7 - 5 = 2$  and  $2 \times 36 = 72$   
C \$422, because  $7 + 5 = 12$  and  $12 \times 36 = 422$   
D \$71, because  $7 \times 5 = 35$  and  $35 + 36 = 71$

4 A regular pack of eggs contains 12 eggs. A large pack contains 18 and an extra-large pack contains 24. Martha uses the contents of 65 extra-large packs of eggs at her bakery each month. How many eggs does she use in all?

- F 1,440    G 1,560    H 1,460    J 1,540

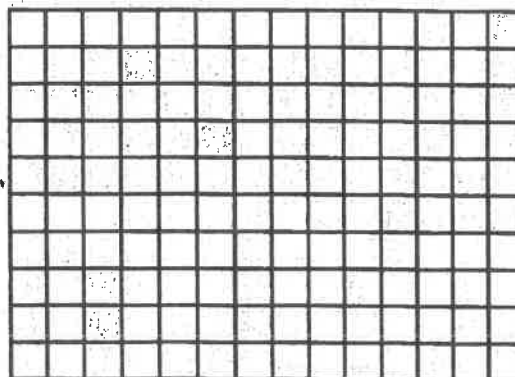
1 Molly is allowed to talk on her cell phone no more than 25 minutes each day. What is the maximum number of minutes she can talk on her cell phone in 30 days?

0	0	0		0	0
1	1	1		1	1
2	2	2		2	2
3	3	3		3	3
4	4	4		4	4
5	5	5		5	5
6	6	6		6	6
7	7	7		7	7
8	8	8		8	8
9	9	9		9	9

2 A large photo album has 136 pages and each page holds 8 photographs. A small photo album has 112 pages and each page holds 6 photographs. How many more photographs does a large photo album hold than a small photo album?

- F 416    H 976  
G 192    J 388

3 Look at the area model shown below.



The model represents which expression?

- A  $10 \times 15$     C  $9 \times 14$   
B  $10 \times 14$     D  $9 \times 15$

4 Look at the equation below.

$$7,224 \times \text{hexagon} = 50,568$$

What is the value of the hexagon?

- F 6    G 8    H 9    J 7

NAME \_\_\_\_\_

DATE \_\_\_\_\_

SCORE \_\_\_\_/10

**4.2B Mini-Assessment 2**

1. Which of the following is the number 2,830.54 written in expanded form?

- A  $2,000 + 800 + 3 + 0.5 + 0.04$
- B  $2,000 + 800 + 30 + 5 + 0.4$
- C  $2,000 + 800 + 30 + 0.5 + 0.04$
- D  $2,000 + 800 + 30 + 5 + 0.04$

2. Which of the following is the number 550,505 written in expanded form?

- F  $500,000 + 5,000 + 500 + 5$
- G  $55,000 + 5,000 + 50 + 5$
- H  $50,000 + 5,000 + 500 + 5$
- J  $500,000 + 50,000 + 500 + 5$

3. The last census counted the population of Austin, Texas, as eight hundred twenty thousand, six hundred eleven. What is this number written in standard form?

- A 826,011
- B 800,020,611
- C 820,611
- D 80,020,611

4. A marathon raised eight hundred sixty-three thousand, five hundred seventy-one dollars for cancer research. What is this number written in standard form?

- F 86,350,071
- G 863,751
- H 863,000,571
- J 863,571

5. A math website has been viewed over nine hundred thousand, eight hundred times. What is this number written in standard form?

- A 9,800
- B 900,800
- C 908,000
- D 90,800

6. Which of the following is the number 809,060,704 written in expanded form?

- F**  $800,000 + 90,000 + 6,000 + 70 + 4$
  - G**  $800,000,000 + 9,000,000 + 60,000 + 700 + 4$
  - H**  $80,000,000 + 9,000,000 + 60,000 + 700 + 40$
  - J**  $800,000,000 + 900,000 + 60,000 + 700 + 4$
- 

7. A total of 6.83 inches of rain fall during one thunderstorm in Bosque. What is 6.83 written in expanded form?

- A**  $6 + 8 + 0.3$
  - B**  $6 + 0.8 + 0.3$
  - C**  $600 + 80 + 3$
  - D**  $6 + 0.8 + 0.03$
- 

8. What is eleven hundredths written in standard form?

- F** 1,100
  - G** 1.1
  - H** 11
  - J** 0.11
- 

9. Which of the following is the number 0.87 written in expanded form?

- A**  $0.8 + 0.7$
  - B**  $8 + 0.7$
  - C**  $0.8 + 0.07$
  - D**  $0.08 + 0.07$
- 

10. Which of the following is the number 4,935 written in expanded form?

- F**  $4,000 + 900 + 5$
- G**  $4,000 + 900 + 30 + 5$
- H**  $400 + 90 + 30 + 5$
- J** Not here

1 Diego made the array below.



The array represents the product of which two numbers?

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B 13 and 8    D 13 and 7

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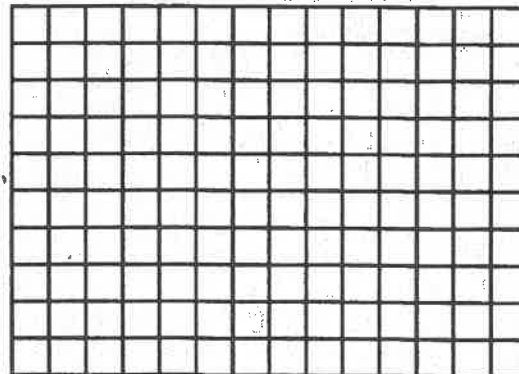
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3	3	3		3	3
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6	6	6		6	6
7	7	7		7	7
8	8	8		8	8
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1 Ms. Charles opened 4 packages of crayons then divided all of the crayons equally among 3 students. If there were 6 crayons in each package, how many crayons did each student receive?

- A 18, because  $3 \times 4 = 12$  and  $12 + 6 = 18$
- B 14, because  $3 \times 6 = 18$  and  $18 - 4 = 14$
- C 6, because  $3 \times 6 = 18$  and  $18 \div 3 = 6$
- D 8, because  $4 \times 6 = 24$  and  $24 \div 3 = 8$

2 The table shows the type and number of items that 6 students placed in a recycling bin.

Sheets of paper	42
Aluminum cans	12
Plastic bottles	6

If each student placed an equal number of items in the bin, how many items did each student place in the bin?

- F 12      G 8      H 10      J 6

3 Three boys played a game of basketball at recess.

- Ricky scored 18 points.
- Chen scored half as many points as Ricky.
- Mateo scored 3 times as many points as Chen.

How many points did Mateo score?

- A 27      B 12      C 24      D 16

4 Keisha bought some packs of gum. There were 5 sticks of gum in each pack. She opened the packs then gave 8 sticks to her sister. This left Keisha with 27 sticks of gum. How many packs of gum did Keisha buy?

- F 4      G 7      H 6      J 8

1 Movie tickets cost \$9 each for adults and \$5 each for children. Which statement is true?

- A 4 adults and 4 children will pay a total of \$46 for tickets.
- B 3 adults and 3 children will pay a total of \$42 for tickets.
- C 4 adults and 4 children will pay a total of \$40 for tickets.
- D 3 adults and 3 children will pay a total of \$39 for tickets.

2 Mr. Martin bought some packages of drinking glasses at a store. There were 6 glasses in each package. When he arrived home he found that 4 glasses were broken and 20 glasses were not broken. How many packages of glasses did Mr. Martin buy at the store?

- F 6      G 3      H 5      J 4

3 Sarah planted 16 rows of carrot plants on Saturday afternoon. She planted 8 plants in each row. On Saturday night, feral pigs ate 26 of the plants. How many carrot plants were NOT eaten by feral pigs?

0	0	0	0	0	0
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9

4 Luther will display his entire collection of model cars in acrylic cases. He has 98 cars and he will display no more than 4 cars in a case. What is the minimum number of cases he needs to display all of his cars?

- F 25      G 24      H 30      J 28

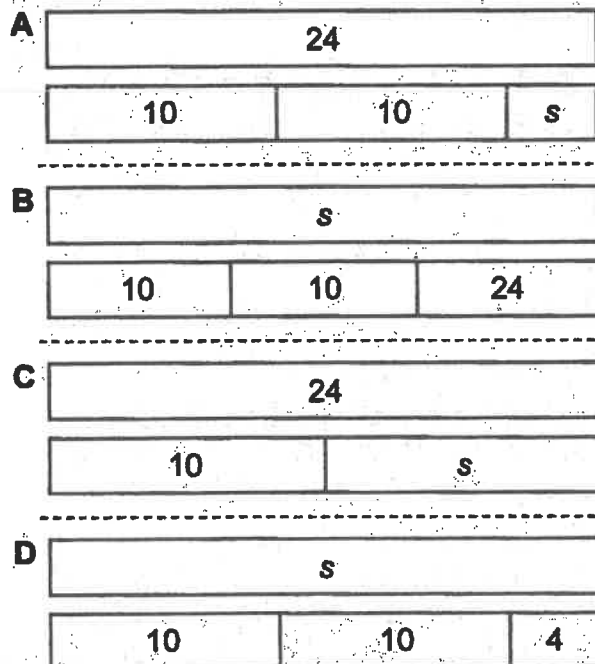
1 Flaco spent a total of \$84 for 1 fishing rod and 4 fishing lures. Each fishing lure cost \$3. Which equation can be used to find  $R$ , the cost of the fishing rod?

- A  $R = 84 - 1 - 4 - 3$
- B  $R = 84 - (4 \times 3)$
- C  $R = (84 + 4) - 3$
- D  $R = 84 - (4 + 3)$

2 Michelle played the piano for 2 hours 15 minutes yesterday. Which equation can be used to find  $m$ , the number of minutes Michelle played the piano?

- F  $m = (2 \times 15) + 60$
- G  $m = (2 \times 60) + 15$
- H  $m = 2 + 15$
- J  $m = (60 + 2) \times 15$

3 Richard has 24 gallons of water. He has 2 large buckets holding 10 gallons of water each. He has 1 small bucket holding the rest of the water. Which diagram best represents this situation where  $s$  is the number of gallons of water in the small bucket?



1 Each of the 10 boys and 14 girls in Tyler's class read 2 novels last month. Which equation can be used to find  $n$ , the total number of novels the boys and girls read last month?

- A  $(10 + 14) + 2 = n$
- B  $(10 + 14) \times 2 = n$
- C  $(10 + 14) - 2 = n$
- D  $(10 + 14) \times 2 = n$

2 Li-Wei made 36 bracelets out of red yarn and 24 bracelets out of green yarn. She divided all of the bracelets into 4 equal groups. Which equation can be used to find  $B$ , the number of bracelets in each group?

- F  $B = 36 + 24 + 4$
- G  $B = 36 - 14 - 4$
- H  $B = (36 + 24) \div 4$
- J  $B = (36 - 24) \div 4$

3 Caden, Ethan, and Rory want to run 100 laps around the track combined. So far Caden has run 27 laps, Ethan has run 31 laps, and Rory has run 17 laps. Which equation can be used to find  $L$ , the number of laps the 3 boys need to run to reach 100?

- A  $L = 17 + 27 + 31 + 100$
- B  $L = (27 + 31 + 17) \div 3$
- C  $L = 100 - (27 + 31 + 17)$
- D  $L = (27 + 31 + 17) \times 3$

4 Sophia brings 6 carrots to lunch each day. She eats 4 of them and gives the rest to her friend. Which equation can be used to find  $c$ , the number of carrots Sophia gives to her friend after 5 days?

- F  $(6 + 4) \times 5 = c$
- H  $(6 - 4) \times 5 = c$
- G  $(6 \times 4) - 5 = c$
- J  $(6 - 4) \times 5 = c$