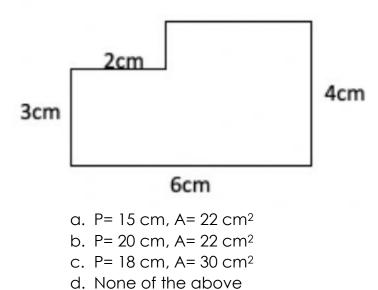
#### Math Application

Read and compute each of the following problems:

1. Find the perimeter and area of the figure. A=L x W



- 2. Joe paid \$3.46 for a baseball, \$12.56 for a bat and \$16.98 for a mitt. If the sales tax was 6%, what was the amount of sales tax Joe had to pay?
  - a. \$19.80
  - b. \$34.98
  - c. \$1.98d. \$2.32

3. The girls' basketball team scored the following points for the five home games:

#### 35, 29, 49, 53, 34

What is the average of the basketball scores?

- a. 40
- b. 49
- c. 52
- d. 33

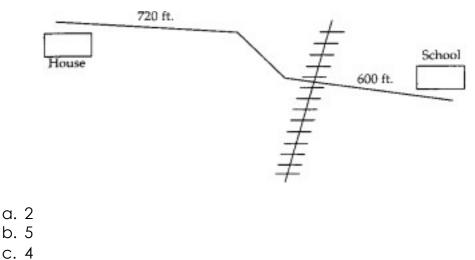
- 4. Bill bought some dog food for \$12.14, a dog collar for \$8.98, and a dog toy for \$2.40. These products were on sale for 30% off the regular price. With the 30% discount, what was the price of the products?
  - a. \$16.46
  - b. \$23.52
  - c. \$7.06
  - d. \$30.57

5. Find the current balance of the following check register.

Check No.	Date	Checks issued to or Description of Deposit	Amount of Check	Amount of Deposit	<u>Balance:</u> 248.61
1783	1/21	A - Z Rental	17.86		
1784	1/29	The Corner Market	73.41		
1785	1/31	Ralph's Shoes	9.86		
	1/31			425.00	
1786	1/31	Joe's Used Cars	275.00		

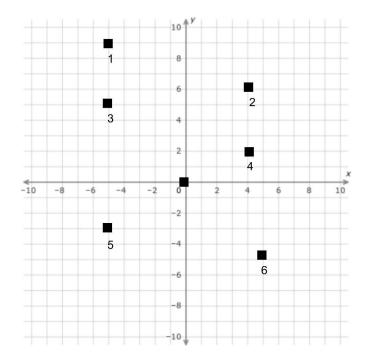
- a. \$376.13
- b. \$297.48
- c. \$248.61
- d. \$425.00
- 6. Susan was paid \$4.40 per hour on her job. She worked 40 hours during that week. How much did she make for the week?
  - a. \$200.00
  - b. \$167.00
  - c. \$237.00
  - d. \$176.00
- 7. Susan receives time and a half for overtime. Using the information from Problem 6, compute Susan's salary including 6 hours of overtime.
  - a. \$215.60
  - b. \$219.80
  - c. \$607.20
  - d. \$303.60

8. Pete walks to school every day. He wants to know how many miles he walks during the week. Using the map below, how many times does he have to walk the distance between his house and the school to equal one mile, or 5,280 feet?



d. 8

Use the following coordinate graph to answer the questions on the next page:



- 9. What point is located at (5, -5)?
  - a. 6
  - b. 5
  - c. 1
  - d. 3

10. Using the coordinate graph, what point is located at (-5, 5)?

- a. 6
- b. 5
- c. 1
- d. 3

11. Using the coordinate graph, what are the coordinates of point 1?

- a. -5, 9
- b. 5,9
- с. -9,5
- d. 9,5

#### 12. Using the coordinate graph, what are the coordinates of point 2?

- a. 4,6
- b. 6, 4
- c. -4, -6
- d. -6, -4
- 13. Using the coordinate graph, which two points run parallel to points 1 & 2 if connected by a line?
  - a. 3&6
  - b. 3 & 4
  - с. 5&6
  - d.4&5
- 14. Using the coordinate graph, what two points apparently would run through the origin if connected by a line?
  - a. 3&6
  - b. 3 & 4
  - c. 4 & 5
  - d. Both A and C

Use the following chart to answer the questions below:

The chart represents the amounts of different types of flowers sold through the San Francisco Flower Market during the period April through July, 2022. The flowers sold are Daisies (DA), Roses (RO), and Black-eyed Susans (BES). They are sold by the case. Daisies sell for \$10 per case, Roses for \$50 per case, and Black-eyed Susans for \$5 per case.

The San Francisco Flower Market 2022								
<b>Flower</b>	<mark>April</mark>	<mark>May</mark>	June	<mark>July</mark>				
<b>Species</b>								
DA	200	300	70	20				
RO	100	500	200	50				
BES	20	70	60	20				

- 15. Over the four-month period, what is the ratio of cases of Daisies to cases of Roses sold through the market?
  - a. 5:9
  - b. 59:85
  - c. 85:59
  - d. None of the above

16. What was the combined revenue of all flower species for April?

- a. \$7100
- b. \$320
- c. \$3200
- d. None of the above
- 17. How much more revenue did the market make on Roses than it made on Black-eyed Susans for the four-month period?
  - a. \$37,500
  - b. \$850
  - c. \$36,650
  - d. None of the above

18. What is the average number of cases of Black-eyed Susans sold for April, May and June?

- a. 150
- b. 50
- c. 49.5
- d. None of the above

Answer the following questions:

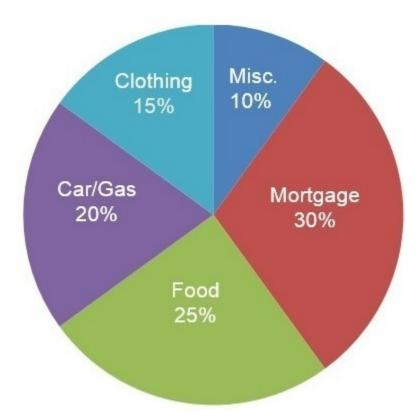
19. Which of the following is equivalent to (5a - 3b) + (-2a + 7b)?

- a. 3a 4b
- b. 3a + 4b
- c. 7a + 4b
- d. 3a 10

20. Which of the following is equivalent to 4(2 - 5x) = 6 - 3(1 - 3x)?

- a. 8x = 5
- b. 8x = 17
- c. 29x = 5
- d. 29x = 17

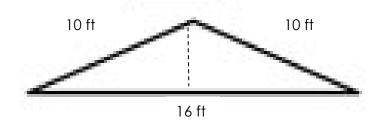
Use the following chart to answer the questions on the next page:



#### FAMILY BUDGET

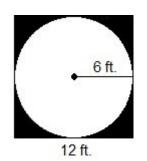
- 21.If the family income is \$1,200 per month, what amount will be budgeted for Car/Gas?
  - a. \$180
  - b. \$240
  - c. \$264
  - d. \$360
- 22. If the family income is \$1,498 per month, what amount will be budgeted for Mortgage?
  - a. \$430.00
  - b. \$449.40
  - c. \$475.50
  - d. \$501.68
- 23. If the family has budgeted \$630 for Mortgage, what is the family income per month?
  - a. \$1,690
  - b. \$1,775
  - c. \$1,800
  - d. \$2,100
- 24.If the family has budgeted \$300 for Food, what is the family income per month?
  - a. \$1,000
  - b. \$1,200
  - c. \$1,250
  - d. \$1,300
- 25. If the family income is \$1,860, how much will be spent if ½ of the amount budgeted for Misc. will be spent on taking a day trip to the local mountains?
  - a. \$60
  - b. \$93
  - c. \$186
  - d. \$190
- 26.If the family income this month is \$1,600 and the amount budgeted for Clothing is to be divided among 3 children, how much would each child receive?
  - a. \$80
  - b. \$110
  - c. \$240
  - d. \$530

Use the following figure to answer the question below:



- 27. Find the area of this triangle. (A = 1/2BH, Pythagorean Theorum  $a^2 + b^2 = c^2$ )
  - a. 160 ft<sup>2</sup>
  - b. 36 ft<sup>2</sup>
  - c. 64 ft<sup>2</sup>
  - d. 48 ft2
- 28. There are 8 sodas in a package. You drink 5 sodas per week. How many weeks would 10 packages last you?
  - a. 10
  - b. 16
  - c. 8
  - d. None of the above
- 29. If 5 workers working 8hrs/day can finish a project in 5 days, how long would it take 10 workers working 10 hours per day to finish the same project?
  - a. 2.5 days
  - b. 1 day
  - c. 2 days
  - d. None of the above

Use the following figure to answer the question on the next page:



- 30. If the largest possible circle is removed from a square that is 12 ft on each side, approximately how many square feet are left? (Area of a circle =  $\pi \cdot r^2, \pi \approx 3$ . 14)
  - a. 24
  - b. 31
  - c. 100
  - d. 14

31.1 2/3 + 3 3/8 + 5 3/12 = \_\_\_\_\_

- a. 9 7/24
- b. 10 7/24
- c. 10 3/8
- d. 9 7/12
- 32.7/8 3/16 = \_\_\_\_\_
  - a. 11/16
  - b. 4/16
  - c. 4/8
  - d. 1/2
- 33.1 1/8 \* 1/4 = \_\_\_\_\_
  - a. 1 ¼
  - b. 3/8
  - C. 1⁄4
  - d. 9/32

34. Which of the following is equivalent to .80?

- a. 4/5
- b. 8/100
- c. 5/8
- d. 1 ¼

35. How many hectares are in a field that is 400 meters wide and 500 meters long.

- 1 hectare = 10,000 square meters.
  - a. 20
  - b. 200
  - c. 2000
  - d. 2

36. What is the Y intercept of line 4y + 8x = 16

- a. 4
- b. 8
- c. 0
- d. 2

37. What is the X intercept of line 4y + 8x = 16

- a. 4
- b. 8
- c. 0
- d. 2
- 38. If you place 25 strawberry flavored jelly beans, 35 grape flavored jelly beans, and 10 licorice flavored jelly beans in a jar and shake them up, what are the probabilities of pulling out a licorice flavored jelly bean on your first try?
  - a. 10/70
  - b. 1/7
  - C. 1⁄4
  - d. 6/7

Math Application Answers:

1. b, 2. c, 3. a, 4. a, 5. b, 6. d, 7. a, 8. c, 9. a, 10. d, 11. a, 12. a, 13. b, 14. d, 15. b, 16. a, 17. d (\$41,650), 18. b, 19. b, 20. c, 21. b, 22. b, 23. d, 24. b, 25. b, 26. a, 27. d, 28. b 29. c, 30. b, 31. b, 32. a, 33. d, 34. a, 35. a, 36. a, 37. d, 38. b

# **English Language Arts**

#### **Reading Comprehension Activity**

Read the passage and answer the following five questions.

#### **Aztec Calendar**

If you are superstitious, you are not unlike myriads of humans who have lived before and who are living today. One group of ancient people who believed in luck were the Aztecs.

The Aztec year was 360 days divided into eighteen months of twenty days each. This left five days remaining and they were considered to be unlucky. During that time the Aztecs would smash their old gods and let the sacred fires of the temples burn out. Even furniture and goods were destroyed. On the night of the fifth day the priests prepared to give sacrifices to the gods. As the forked tongues of the fires licked at the darkening sky of the fifth day, messengers hurried about the country to announce that the gods of evil had been finally satisfied and that happier times would return with the rising sun. Once the sun came out it was considered to be a lucky time again.

Today, with the exception of Friday the thirteenth, our calendar does not contain days that are considered to be particularly unlucky. Still there are many who believe that luck places an important role in determining their destiny. If you shy away from walking under a ladder, throw salt over your shoulder when the shaker spills, or never open an umbrella in the house, you are at least partially showing that what has been identified as luck or unlucky affects you.

So concerned are some people about the simple number thirteen, that many hotels do not even have a thirteenth floor.

Whatever your personal opinion about things lucky or unlucky, one thing is certain – what an individual person perceives as luck influences his behavior.

- 1. The principal idea of this article concerns
  - a. ancient people.
  - b. the Aztecs.
  - c. people and luck.
  - d. Friday the 13th
- 2. The unlucky days of the Aztecs were
  - a. the first five days of the year
  - b. during the spring of the year.
  - c. the last five days of winter.
  - d. five days that belonged to no month.

- 3. During the unlucky days of the Aztecs, the article said
  - a. they destroyed furniture and goods.
  - b. they sang.
  - c. they dressed in special costumes.
  - d. they stayed indoors.

4. The Aztec year was divided into

- a. 360 days.
- b. 365 days.
- c. 370 days.
- d. 160 days.
- 5. The word <u>perceive</u> means to feel
  - a. discouraged.
  - b. perturbed.
  - c. a certain way.
  - d. unhappy.

Reading Comprehension Answers:

1. c, 2. d, 3. a, 4. a, 5. c

#### English Usage

Find the word that is used incorrectly in the paragraph below.

- Peanut butter is rich in a variety of nutrients but it's also rich in calories and fat. While the healthy fats in peanut butter are nutritious, you should consume them in excess to avoid unwanted weight gain or potential health problems.
  - a. rich
  - b. fat
  - c. nutritious
  - d. excess
- 2. Which one of the following choices uses the underlined word in the same way as it is used in the sentence below?

Please, secure the load on the truck before pulling out of the driveway.

- a. This is a <u>secure</u> location for camp.
- b. I will <u>secure</u> the dog by tying him up.
- c. I am feeling <u>secure</u> in the police station.
- d. None of the above
- 3. Select the word that correctly completes the sentence. I am lost without the directions to \_\_\_\_\_\_house.
  - a. his
  - b. their
  - c. there
  - d. Both A and B

English Usage Answers:

1. d, 2. b, 3. d

#### Writing

Read the paragraph below and answer the following question

Too many students in the United States arrive at high school academically unprepared. Many of these students fail to make the critical transition from middle school to high school unsuccessfully and drop out of school, often by tenth grade. Those who don't drop out often find it difficult to earn credits necessary to advance from one grade to the next and perform poorly on measures of achievement, like course grades and standardized tests. Recent evaluations of models for high school reforms suggest that focusing on the critical transition year of ninth grade can make a real difference.

- 1. Which word is used INCORRECTLY in the paragraph above:
  - a. academically
  - b. transition
  - c. unsuccessfully
  - d. reform

The following paragraph may not be in logical sequence. Read the sentences and select the best order for them.

#### How to Pick A Watermelon

1It takes a little detective work to pick a good watermelon, but it's quick and easy, I promise. 2If you've ever walked up to a bin of watermelons and felt totally confused about which one to pick because they seem to all look the same, you're not alone. 3Here's how to do it. 4When it's time to pick a watermelon, you want to touch, look, and listen.

2. What is the best order for the sentences above?

a. 1-3-2-4 b. 4-3-1-2 c. 2-1-3-4 d. 2-4-3-1

Answer the following question:

3. Which of the following combines the underlined sentences into a sentence with the BEST grammar?

Jim and John went to the store.

Jim and John bought milk.

Jim and John bought bread.

- a. Jim and John went to the store where they bought milk, and they bought bread.
- b. Jim and John went to the store and bought bread and milk.
- c. Buying bread and milk Jim and John went to the store.
- d. Milk and bread were bought with Jim went to the store and John went to the store and bought bread and milk.

Writing Answers:

1. c, 2. c, 3. b

# Ability to Assist

Read the passage and instructions then answer the following three questions.

#### Making a Timeline of An Influential Person

A helpful way to learn facts and important information about people is to create a timeline. As your student reads a biographical text, they can use the storyboard worksheet to draw and record important information or dates about the person. Then, they can place the dates and events in a timeline to show their understanding of important facts in chronological order. Challenge learners to support their choice of details to get them to think critically about them. This activity is perfect for studying influential people during Women's History Month, Black History Month, Hispanic Heritage Month, Asian American and Pacific Islander Heritage Month, and beyond.

#### What You Need:

- One or two copies of the Storyboard worksheet
- Biography of someone you or your student would like to research
- Construction paper

#### What You Do:

- Give a short description of the person your student chooses to study.
- Have your student read a biography about the person. For younger researchers, read a picture book biography or autobiography.
- Discuss the details of the person's life and why they are famous or remembered.
- Reread the book or text with your learner and have them write down notes on the Storyboard worksheet. Support your learner by allowing them to draw pictures first and then go back to add sentences.
- Have them cut out the details and place them in a timeline. If your student did not include dates in their events, encourage them to do so now to help them place the events.
- Review the event placements with your student. Ask them some of the following questions to get them thinking about the importance of each of the details they chose: Which detail is the most important? Which detail is the least important? Why would you choose to add this detail over another? Would this person's life have been different if you eliminated one of their important life events? How did one event impact another event?
- Throughout all the discussions, allow your student to disregard or add different events if they choose to.

- Ask your student to summarize the person's life using their timeline as a reference.
- Once they have all their finalized events in place, learners can glue the events on construction paper.

Creating timelines, whether biographical or personal, is a helpful way to organize important information. Enjoy great conversations with your student researcher to help them develop critical thinking skills with this activity.

- 1. According to the description of the activity, "Making a Timeline of An influential Person", what subjects could this lesson activity be used to teach?
  - a. History and Social Science
  - b. Science
  - c. Math
  - d. All of the above
- 2. In the description of the activity, "Making a Timeline of An influential Person", what piece of important information is missing?
  - a. Step by step instructions about how to complete the activity
  - b. The purpose and uses of the activity
  - c. Details about where to find the Storyboard worksheet
  - d. None of the above are missing from the activity description.
- 3. According to the description of the activity, "Making a Timeline of An influential Person", students will get their information for the activity from:
  - a. Newspapers and periodicals
  - b. A biography of an influential person
  - c. Websites
  - d. All of the above

Answer the following questions:

- 4. When supervising students in the classroom, you should
  - a. pay more attention to those who are cooperative.
  - b. pay less attention to those who are cooperative.
  - c. avoid those with behavior issues.
  - d. try to give each student equal care and attention.

- 5. You are new to a class which you have heard has HUGE issues with poor behavior. In that case you should:
  - a. be super easy on them so as not to cause trouble.
  - b. be super cheerful so they will like you.
  - c. treat them like any other students.
  - d. let them know that you have heard all about them and you are not allowing bad behavior.
- 6. When trying to help students have academic success, you should:
  - a. remember that few students will meet your expectations.
  - b. encourage students when they make progress.
  - c. make all of the activities in class competitive, because competition breeds success!
  - d. all of the above
- 7. When dealing with constant disruption and unruly behavior in a class, you should:
  - a. use sarcasm and humiliation to discourage the behavior.
  - b. be steady tempered, making sure they know the expectations, and apply discipline according to school district policy.
  - c. just ignore the bad behavior and it will likely go away.
  - d. get out of the class and take a minute or two alone to think.
- 8. When dealing with a difficult situation in a classroom, and you are not sure what to do:
  - a. rely upon the credentialed classroom teacher in the room for assistance.
  - b. go with what your instincts tell you to do.
  - c. don't worry, just be happy!
  - d. sometimes it is better to just do nothing.
- 9. You are working with a student who is struggling with an assignment. What teaching technique is the most helpful?
  - a. Telling the kid to "pay attention".
  - b. Giving them the answers so they can get a good grade and feel encouraged.
  - c. Pointing out where they are doing well, while guiding them where they need help.
  - d. Just letting them struggle and learn from their mistakes.
  - e.

- 10. When working with students who are withdrawn and reluctant to participate in class, you should:
  - a. just them quietly sit in their seat so they don't feel stressed.
  - b. call on them over and over until they finally participate.
  - c. send them to the office with a referral.
  - d. look for ways to make the student feel more comfortable with participating in class.

#### WEEK LESSON PLAN

#### Use the information below to answer the following questions.

Class: Reading Resource, 5<sup>th</sup> Grade, 10am to 11am, Week 5 (Sept 26-30)

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
10 minutes- AR	10 minutes- AR	10 minutes- AR	10 minutes- AR	10 minutes- AR
20 minutes- Vocabulary worksheet 5A	20 minutes- Vocabulary worksheet 5B	20 minutes- Vocabulary worksheet 5C	20 minutes- iReady Reading Games (If three lessons are completed for the week)	Vocabulary Test for Week 5- On Google Classroom
20 minutes- iReady Reading	20 minutes- iReady Reading	20 minutes- iReady Reading	Play Around the World with Vocabulary Words	Complete any unfinished work, correct errors on completed worksheets.
Finish up worksheet, then free time on Chromebook	Finish up worksheet, then free time on Chromebook	Finish up worksheet, then free time on Chromebook	Continue Around the World with Vocabulary Words	Free time on Chromebooks or board games for those finished with the week's work.

- 11. What activity does class begin with each day?
  - a. iReady Reading
  - b. AR reading
  - c. Free time on the Chromebook
  - d. A worksheet

- 12. On Friday, what students are allowed to begin class by playing games?
  - a. All students
  - b. Those who have finished all of the week's work
  - c. Those who are finished with the vocabulary test
  - d. No one is allowed to play games at the beginning of class.
- 13. Who is allowed free time on their Chrome books at the end of each day's class on Monday-Wednesday?
  - a. Everyone
  - b. Those who are finished with that day's worksheet
  - c. All of fifth grade students
  - d. No one

14. Which of the following statements is true for this class?

- a. This is a class for students with a disability related to math.
- b. This class is 60 minutes in length.
- c. There are four different activities for each day.
- d. This class is composed of a mixture of 4th-6th grade students.

15. Which of the following statements is NOT true for this class?

- a. Each day begins with AR reading.
- b. Each day is basically the same as the day before
- c. The teacher intends to spend 30 minutes on Thursdays reviewing for the vocabulary test.
- d. The teacher regularly uses free time to encourage students to finish the work for class.

Ability to Assist Answers:

1. a, 2. c, 3. b, 4. d, 5. c, 6. b, 7. b, 8. a, 9. c, 10. d, 11. b, 12. d, 13. b, 14. b, 15. b