# PACKET III (11TH)

"making progress is a journey"

8300 Bissonnet Suite 218

Computer/Learning Lab open Mon – Fri 4pm – 7pm

M.P.J. ACADEMY OF EXCELLENCE admin@mpj-academy.org

#### Simple Machines

```
1. Which example uses a wedge as a simple machine?
                 stairs
b.
                doorknob
c.
                screw
d.
        2. How many simple machines are there?
                four
a.
                five
b.
c.
                six
                seven
        3. Give one example of an inclined plane.
        4. Give examples of simple machines
        5. Wheel radius is divided by axle radius to determine the mechanical advantage of a wheel and axle.
a.
                 False
b.
        6. The length of a ramp is divided by its height to determine the mechanical advantage of a wheel and axle.
                 True
a.
                 False
b.
        7. A force that makes objects pull toward each other.
                 friction
a.
                 gravity
b.
                 gear
c.
                 lever
d.
        8. A push or a pull.
                 wheel and axle
a.
                 fulcrum
b.
                 load
C.
d.
                 force
        9. The ability to do work.
                 force
a.
                 energy
b.
c.
                 pulley
        10. A wheel with jagged edges like teeth.
a.
                 pulley
b.
                 gear
                 wheel and axle
C.
         Read information from the following website:
```

http://www.mikids.com/Smachines.htm

#### **Musical Instruments**

**Instructions:** Circle or fill in the correct answers for each question.

1. This family of instruments makes up the largest section of the orchestra.

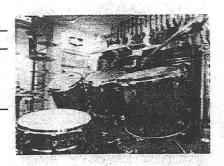
- a. woodwindsb. brassc. percussiond. strings
  - 2. What two string instruments use a chin rest?
  - 3. What group of instruments have strings contained by a frame?
- a. Lutesb. Harpsc. Zithersd. chimes
  - 4. The violin or guitar would go into what group because it has a neck?
- a. Lutesb. Harpsc. Zithersd. Chimes
  - 5. The endpin is used in what TWO stringed instruments?
  - 6. The Percussion family is the smallest in the orchestra.
- a. Trueb. False
  - 7. Which instrument belongs to the Percussion family?
- a. Snare Drumb. Xylophonec. Triangled. All of the above
  - 8. Which family occupies the largest space in the orchestra?
  - 9. Which is the smaller string instrument? The violin or the viola?
  - 10. What are the 4 Families of the Orchestra?

Name:

Date

# Musical Instruments Word Search

Complete the activity.



1	Р	Р	F	Y	Q	٧	Р	٧	E	٧	D	Z	W	٧	В	L	W
В	U	G	L	E	R	В	С	1	1	Н	Ε	Α	F	L	U	T	E
U	s	U	K	Н	G	Z	Т	Н	H	M	Q	N	N	N	S	U	Н
N	Υ	Υ	G	X	Z	D	U	R	F	٧	Α	K	Н	0	M	J	R
В	N	Н	Н	U	R	C	0	·	1	G	J	Α	L	Α	F	С	L
G	Т	Q	M	U	ı	R	K	J	S	A	R	L	P	X	X	Υ	P
٧	Н	Α	M	1	G	Τ.	Χ	X	H	P	N	G	X	A	Н	M	J
1	E	No.	Н	Α	1	Z	Α	M	W	J	U	G	0	W	R	В	Р
0	S	M	N	R	Y	X	G	R	P	R	H	M	L	N	T	Α	Т
Ĺ	1	R	S	D	V	S	Н	G	D	Y	В	0	G	Ε	G	L	R
-	Z	M	С	Α	С	L	Α	R	I	N	Ε	T	X	L	U	S	U
N	E	В	T	U	X	L	U	Α	Z	T	N	E	U	Y	N	٧	M
X	R	J	W	U	Y	0	M	I	G	M	I	Z	I	5	-	Z	P
N	Q	L	С	S	В	N	P	P	H	0	M	1	X	S	P	Z	E
E	J	L	I	V	R	Α	В	Н	В	1	T	L	F	Q	R	E	Т
Т	R	0	M	В	0	N	E	0	0	С	E	L	L	0	V	P	P
J	Q	С	0	J	В	Z	Ε	٧	Ε	N	G	R	W	Т	S	Α	В
M	Q	Н	Ν	Т	P	١	Α	Ν	0	В	E	L	X	С	W	Z	W

Triangle	Saxophone	Gong	Harp	Tuba
Cymbals	Clarinet	Piano	Drum	Oboe
Bugle	Synthesizer	Trombone	Organ	Flute
Violin	Guitar	Cello	Trumpet	

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Name		Date _	
TH	E HEALTHY IM	MUNE SYSTEM	
DIRECTIONS: F	'ill in the blanks using the	he words below to explain h	ow the healthy immune
VIRUS NORMAL T-CELLS CHEMICALLY	BACTERIA ANTIBIOTICS B-CELLS PROTOZOAN	ILLNESS MULTIPLIES WHITE BLOOD CELLS FUNGI	ANTIBODIES IMMUNE
1. A germ (			
quickly		system fights bac	c.) invades the body and
	to de	estroy the invaders.	Charles T
	en	surround and "eat" some	
4.	A Comment		ich, in turn, produce
5	wrvive the attack can cau	which destroy the germs.	
		nally destroy all the germs.	
	health is		- (5)-

Grammar: Grades 4–5 Activity 17: Past Tense of Regular Verbs/Activity 18: Present, Past, or Future Tense

	TIVITY 17 Write the Past T	ense of	Name:		
Re	gular Verbs		Date:		
Pas	t tense indicates something happened or write the past tense of most verbs, add -ed Examples: remember – remembered	someone <u>did</u> to the end o join – joine	f the word.	g before nov ch – marche	
If th	e verb ends in an <i>e</i> , drop the <i>e</i> before add <b>Examples:</b> bike – biked like – like	ling the <i>-ed</i> . ed smile	e - smiled		
Unc 1. 2. 3. 4. 5. 6. 7. 8.	lerline the verbs. Write the past tense of the The zebras gallop fast.  They collect stamps.  The stars look so close tonight.  He places the vase on the shelf.  We whistle while working.  They clean their rooms.  I rake the lawn.  We bike to school.	e verbs.			
	Poterwise Pros		N		
	Determine Pres	ent,			
	st, or Future Tense				
Und	derline the verbs. Circle <i>present</i> , <i>past</i> , or fo	uture to matc	h the verb	tense.	* 14
1.	Josh will visit us on Saturday.	Present	Past	Future	
2.	BANKAN AND STRANGOV BOOKAN DV	Present	Past	Future	
3.	He moved to California last year.	Present	Past	Future	
4.	He enjoys the warm weather.	Present	Past	Future	bid
5.	It snowed here many times last winter.	Present	Past	Future	
6.		Present	Past	Future	
	te sentences using the verbs and tense gi	ven.			W- V - W
Wri					
	giggle: future tense				
	chuckle: past tense				

Use the headlines and your knowledge of social studies to answer the following question.



The achievement of which of these individuals is best captured by the headlines above?

A Wilbur Wright

**B** Amelia Earhart

C\* Charles Lindbergh D Billy Mitchell

7. The significance of the Allied invasion of Normandy on June 6, 1944, was that it — A caused the Soviet Union to join the war against

Germany
B liberated Paris from German control

C opened a second major front in the war in Europe

D forced Germany to surrender immediately to Allied forces

ل, Charles Lindbergh's 1927 solo flight across the Atlantic Ocean was important to Americans because it -

F allowed the United States to demonstrate new military technology to European allies

G helped Great Britain to develop new

aviation technology

H embarrassed the fascist dictators of Germany and Italy

J\* symbolized American ingenuity, courage, and ability

5) During World War II, the Soviet Union pressured the other Allies to open a second front in France in order to -

F allow the Soviet Union to send troops to fight in North

G help French communists resist the Nazis

H free the Soviet Union to concentrate on fighting Japan J\* force Germany to move some of its troops away from the eastern front

Use the excerpt and your knowledge of social studies to answer the following question.

Some recent work by E. Fermi and L. Szilard, which has been communicated to me in manuscript, leads me to expect that the element uranium may be turned into a new and important source of energy in the immediate future.

> - Albert Einstein, letter to President Franklin D. Roosevelt, August 2, 1939

3, The development referred to in Einstein's letter led directly to -

F a government program to develop the atomic bomb G the first funding of scientific research by the federal government

H the delivery of inexpensive electricity to U.S. consumers

J the creation of a new cabinet department

The development of both the telegraph and telephone Contributed to the economic expansion of the United States by increasing the — F willingness of communications companies to share

technology G price and durability of communications equipment

H\* scale and speed of nationwide communications J importation of foreign communications products

Use the excerpt and your knowledge of social studies to answer the following question.

> We will not submit to the prosperity that is obtained by lowering the wages of working men and charging an excessive price to consumers, nor to that other kind of prosperity obtained by swindling investors or getting unfair advantages over business rivals.

> > - President Theodore Roosevelt, August 6, 1912

- President Theodore Roosevelt made this statement during which historical period?
- F\* The Progressive Era
  G The Gilded Age
- H Reconstruction
- J The Great Depression

Use the information in the box and your knowledge of social studies to answer the following question.

- NAACP founded
- · Pure Food and Drug Act passed
- 19th Amendment ratified
- · Clayton Antitrust Act passed

/OThe events in the box are all associated with which period in U.S. history?

- The Progressive Era
- G The Gilded Age
- H The Great Depression
- J Reconstruction

Which of the following lists is in the correct sequence?

- A Great Depression
  - Cold War
  - Gilded Age
- World War I
- B World War I
  - Cold War
  - **Great Depression**
- Gilded Age C Gilded Age
  - World War I
- **Great Depression** Cold War
- D Cold War
  - **Great Depression**
  - Gilded Age
- World War I

11. Which of these periods in U.S. history occurred first?

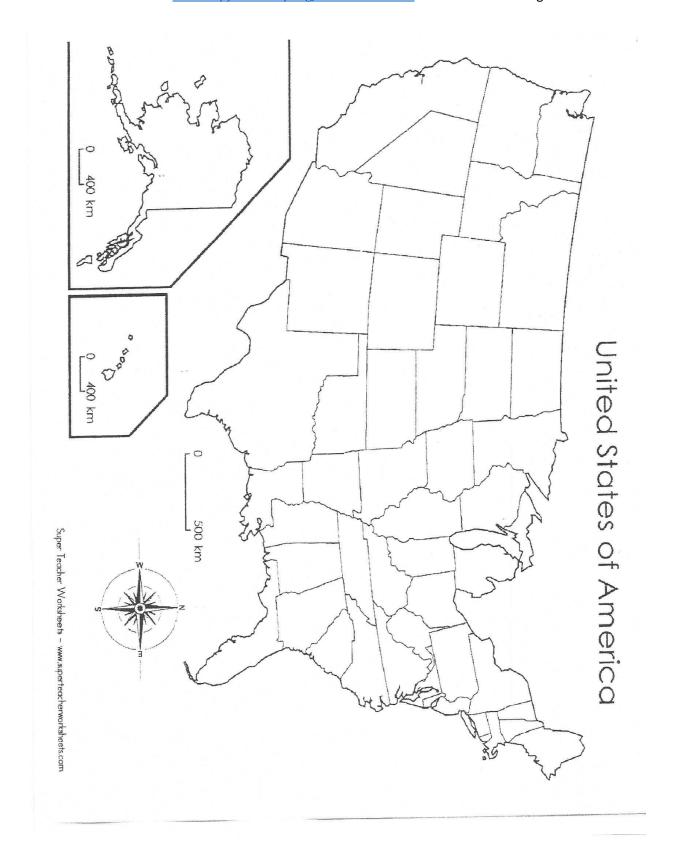
- A Great Depression
- **B** Progressive Era
- C Cold War
- D Gilded Age

(i) Which of the following best describes events in the United States during the Great Depression? F Japanese Americans were detained in internment

- G The economy collapsed, and millions of people became unemployed.
- H Fears about communism led to the imprisonment of many people.
- J The government passed laws that eliminated poverty and discrimination.

What event caused the United States to immediately adandon neutrality during World War II?

- A\* The attack on Pearl Harbor
- B The Warsaw Ghetto uprising
- C The bombing of Great Britain
- D The Battle of Stalingrad



### Sample High School Resumes and Cover Letters

#### English III

#### Assignment:

Use Microsoft Publisher

Students will create a typed resume aimed at ones current, career interest, employment experience and activities.

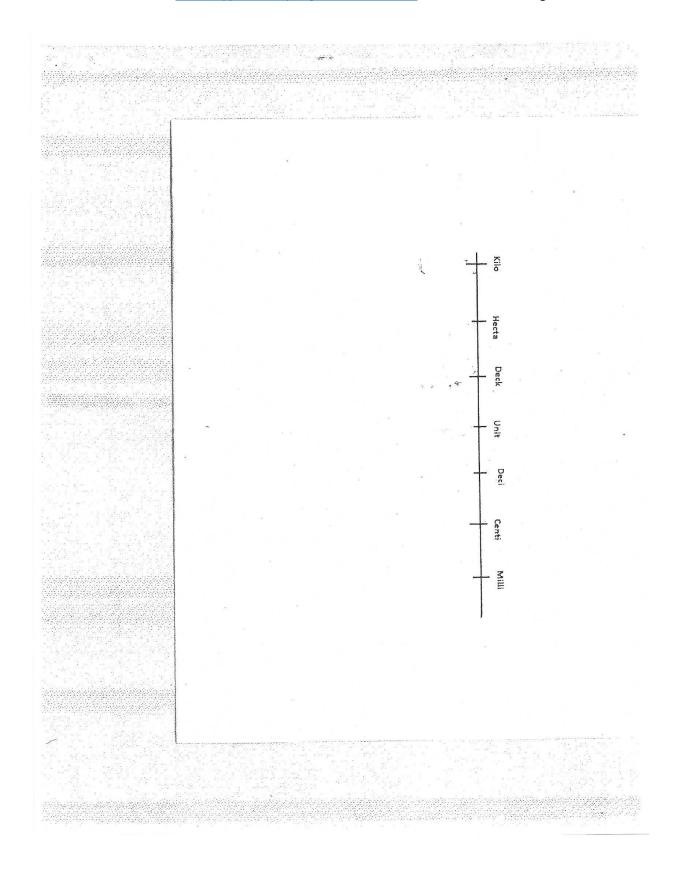
#### JANE SMITH

1313 Smalltown Lane Yourtown, TN 37701 (555) 555-5555 jane.smith@myemail.com

	Childcare Provider	
	Caring for children ages 6 months to 12 years.	
	Developing activities for play time and preparing healthy snacks. Meeting with parents to discuss their child's experiences.	
PROFESSIONAL	EXPERIENCE	
February 2009 to	Small World Daycare, Yourtown, TN 37701	
Present	Daycare Assistant	
May 2008 to	Private Family, Smithville, TN	
September 2008	In-home Daycare Provider	
EDUCATION		
May 2011	John Mills High School, Yourtown, TN	
	Diploma	
OTHER INTERES	STS	
	Running on the Cross Country team.	
	Acting in school plays with the Drama Club. Teaching Sunday School to 5th graders at church.	

Certified in CPR and First Aid.

GRADE	11		PHYSICS	NEWTON'S	LAWS WORKSHEE	Т
Name:				Date:		
			50			
			Υ			
		ton's First Law				
1.	Newto	n's first law of r	notion is also know	vn as the LAW OF _		
2.	Newto	n's first law say	s that—		**************************************	AND
	a.	An object that	IS NOT MOVING,	or is at	will stay at	AND
	b.	An object that	IS MOVING will ke	eep moving with co	onstant	_ willCit inealis at
		the same	and in the	e same	UNLESS	
			force acts o			
3.	What i	s inertia?				<del></del>
		ro Halley L				
			0			
4.	What p	property of an o	bject determines	how much inertia if	t has?	
5.	Which	of the following	g has more inertia	?		
*		Bowling ball o				
	b.	Hammer or Fe	eather			
Section	II: Nev	vton's Second L	aw of Motion	8		
_	Noudo	n's second law	of motion is also k	nown as the LAW (	OF	
b.	Newto	n's second law	savs that when an		force is ap	plied to a
0	Thorr	eater the force	that is applied, the	3	the accele	ration.
^	Tholon	car tha tarra TI	iar is additioned. The			
10.	If the s	ame force is ap	plied to an object	with a large mass,	it will have a	
	accolo	ration				
11.	If the	same force is ap	plied to an object	with a small, mass,	, it will have a	
		ration				
12.	The ed	quation that is u	sed to solve secor	nd law problems is		<del></del> :
	a.	What do each	of the variables n	nean?		
		F =		m =	a =	
	b.	What unit of	measurement mus	at be used with eac	n variabler	
		F =		m =	a =	
Section	ı III: Ne	wton's Third La	w of Motion			
12	Niourto	on's third law of	motion is also kno	own as the LAW OF	9	·
15.	Newto	on's third law sa	vs that every time	there is an	TC	rce, there is also a
2.7.	. INCAPE	20 2 410 # 14.22 6.5	force that is	in size	e and acts in the	
	direct	ion				
15	Nowto	on's third law st	ates that forces m	ust ALWAYS occur	in	
16	Who	was the scientis	t that gave us the	laws of motion?		
20	,,,,					



EXECISE 1-4

# CONVERTING METRIC UNITS I

is on but

Convert the following measurements from one metric unit to another:

- 1. 15 cm = \_\_\_\_\_\_\_mm
- 2. 3.6 cm = \_\_\_\_\_\_ mm
- 3. .8 cm = \_\_\_\_\_ mm
- 4. 225 cm = \_\_\_\_\_ mm
- 5. 91 mm = \_\_\_\_\_ cm
- 6. 106 mm = \_\_\_\_\_ cm
- 7. 765 mm = \_\_\_\_\_ cm
- 8. 1049 m = \_\_\_\_\_ cm
- 9. 1900 cm = \_\_\_\_\_ m
- 10. 39.6 cm = \_\_\_\_\_ m
- 11. 1.4 m = \_\_\_\_\_ cm
- 12. .025 m = \_\_\_\_\_ cm
- 13. 4.125 m = \_\_\_\_\_ mm
- 14. .092 m = \_\_\_\_\_ mm
- 15. 81 mm = \_\_\_\_ m
- 16. 214 mm = \_\_\_\_\_ m
- 17. 516 dm = \_\_\_\_\_ cm
- 18. 14 cm = \_\_\_\_\_ dm
- 19. .02 dm = \_\_\_\_\_ cm
- 20. .34 dm = \_\_\_\_\_ mm

[FIRST NAME] [LAST NAME]

[ADDRESS]
[CITY], [STATE] [ZIP]
[EMAIL]
[PHONE]

#### OBJECTIVE/RESUME PROFILE

[BRIEFLY SUMMARIZE HOW YOUR QUALIFICATIONS MATCH YOUR CAREER OBJECTIVE]

#### **EDUCATION**

Completed [NUMBER] years at [HIGH SCHOOL]. Graduation date: [DATE]. [OTHER DETAILS OF NOTE]

#### EXPERIENCE

[TITLE/ROLE], [LOCATION]

- [DATE RANGE]. [ DUTIES ]
- . [DATE RANGE]. [ DUTIES ]

[TITLE/ROLE], [LOCATION]

[DATE RANGE]. [DUTIES]

#### RELEVANT HIGH SCHOOL STUDIES

[LIST OF CLASSES AND/OR SKILLS]

#### HONORS, AWARDS, AND MEMBERSHIPS

[HONOR/AWARD/ORGANIZATION]
 [DESCRIPTION]

Use this 5-item pretest to test your knowledge in Math..

Select an answer for each item. If you do not know the answer, you should make an educated guess. After you submit the test, you will be given your results.

# Value: 1

The ratio of Sam's age to Hank's age is 5 to 3. If the sum of their ages is 24, how old is Hank?

- **a.** 21
- **b.** 15
- **c.** 19
- **d.** 9

# Value: 1

The variables x and y are inversely proportional, and y = 2 when x = 3. What is the value of y when x = 9?

- **a.** 54
- **b.** 6
- **c.** 2/3
- **d.** 3/2

# Value: 1

$$x^4 - 13x^2 + 36 =$$

- **a.**  $(x 2)^2(x 3)^2$
- **b.**  $(x^2 + 4)(x^2 + 9)$
- **c.** (x 2)(x + 2)(x 3)(x + 3)
- **d.**  $(x^2 4)(x^2 + 9)$

## Value: 1

A six-sided die, with sides numbered 1,2, 3,4,5, and 6, is tossed. What is the probability of tossing a number less than three?

- **a.** 1/3
- **b.** 0
- <sup>C</sup> c. 1/2
- <sup>C</sup> **d.** 1/4

# Value: 1

A softball is tossed into the air upward from a first floor balcony. The distance of the ball above the ground at any time is given by the function,  $h(t)=14+32t-16t^2$ , where h(t) is the height of the softball above the ground (in feet) and t is the time (in seconds). What was the maximum height, in feet, of the softball above the ground after it was thrown?

- **a.** 28
- **b.** 30
- C. 32
- <sup>o</sup> d. 34

	United States History
Directions: Circle the correct answ	wer to each question.
1. When was the Declaration of I	ndependence adopted?
a. July 4, 1787	b. July 4, 1776
c. October 13, 1812	d. February 18, 1775
2. Who was the main writer of th	e Declaration of Independence?
a. James Madison	b. George Washington
c. Abraham Lincoln	d. Thomas Jefferson
3. When was the Constitution wr	itten?
a. 1776	b. 1787
c. 1803	d. 1812
4. Who is the "Father of Our Cour	ntry"?
a. George Washington	b. Abraham Lincoln
c. Thomas Jefferson	d. Benjamin Franklin
5. What did the Emancipation Pro	oclamation do?
a. Ended the Civil War	b. Freed the slaves
c. Freed the Indians	d. Ended World War II
6. What was the 49th state added	d to the United States?

7. What is the name of the ship that brought the Pilgrims to America?

b. Alaska

d. Guam

a. Puerto Rico

c. Hawaii

a. The Santa Maria	b. The Titanic
c. The Mayflower	d. The Nina
8. What country did we fight during the Revolut	cionary War?
a. France	b. Germany
c. Great Britain	d. Japan
9. Who did the United States fight in World Wa	r II?
a. Japan, Germany, and France	b. England, China, and Japan
c. Germany, Korea, and Japan	d. Japan, Germany, and Italy
10. Who was Martin Luther King, Jr.?	
a. Writer of the Declaration of Independence	b. A civil rights leader
c. Presidential candidate in 1984	d. President during the Civil War
11. Why did the colonists come to America?	
a. To escape the Revolutionary War	b. In search of gold
c. To meet the Indians	d. To gain religious freedom
12. Who was President during World War I?	
a. Abraham Lincoln	b. Woodrow Wilson
c. Benjamin Franklin	d. Thomas Jefferson
13. What territory did the United States buy fro	m France?
a. Louisiana	b. Alaska
c. Hawaii	d. Puerto Rico
14. What U.S. war was fought between the Nor	th and the South?

For more assistance visit <a href="www.mpj-academy.org/schedule-center">www.mpj-academy.org/schedule-center</a> and schedule a "Progress Check"

For more assistance visit  $\underline{www.mpj\text{-}academy.org/schedule\text{-}center} \text{ and schedule a "Progress Check"}$ 

- a. Revolutionary War b. World War l
- c. Civil War d. War of 1812
- 15. Who fought for women's rights?
- a. Susan B. Anthony b. Martin Luther King, Jr.
- c. George Washington d. Francis Scott Key

#### Nonfiction Reading Test Black Friday

**Directions:** Read the following passage and answer the questions that follow. Refer to the text to check your answers when appropriate.

The day after Thanksgiving is the start of the holiday shopping season. Thanksgiving is always on a Thursday, so the day after is a Friday. This day has come to be known as Black Friday. It has been the busiest shopping day of the year since 2005.

Most stores offer great deals on Black Friday. They open their doors in the wee hours of the morning. They try to attract shoppers with big discounts. Some items like TVs are much cheaper than usual. Stores may even lose money on these items. They hope that shoppers will buy gifts for other people while they are in the store.

Black Friday is a great time to get good deals. The problem is that there are not enough low-priced items to go around. Each store may only have a few. These items are in high demand. People stand in long lines to get such great deals. They may line up hours before a store opens. They may be hoping to get a low price on a TV or laptop, but not everyone who wants one will get one. Some people leave disappointed.

The situation can be tense. Some Black Friday events have been violent. Large, eager crowds have trampled workers. Fights have broken out over toys or people cutting in line. People have shot one another over parking spots. But most Black Friday events are safe and fun. Still, if you plan on going, expect large crowds and a bit of shoving.



So where does the name "Black Friday" come from? It was first used in Philadelphia in the 1950s. The police called this day Black Friday because of the heavy traffic it drew. In the 1960s, stores tried to rename the day "Big Friday." It did not stick. The name "Black Friday" continued to spread across the country. It seems that it is here to stay.

Now people all over the country take part in the event known as Black Friday. It is even spreading to other parts of the world. Stores have held Black Friday events in the U.K., Australia, and Brazil since 2012. In Costa Rica Black Friday is known as "Viernes Negro." And in Mexico, stores offer an annual weekend of discounts. They call it "El Buen Fin," which means "the good weekend" in Spanish. I guess the language of savings is universal.

- 1. According to the text, why do stores set prices so low on some items that they lose money?
- a. They want people to enjoy the holidays.
- b. They hope people will buy other gifts while they are in the store.
- c. They are in a giving mood because the holiday season is just beginning.
- d. They are trying to get rid of old items from last year to make room for new items.
- 2. Which is not true about Black Friday?
- a. Black Friday is always the day after Thanksgiving.
- b. Black Friday is the busiest shopping day of the year.
- c. Black Friday is a national holiday.
- d. Black Friday is the start of the holiday shopping season.
- 3. Where does the name Black Friday come from?
- a. The police called this day Black Friday because there is a lot of traffic.
- b. The stores called this day Black Friday because it is a serious shopping day.
- c. The police called this day Black Friday to remember the victims of violence.
- d. The stores called this day Black Friday because they make a lot of money.
- 4. Which best explains the main idea of the third paragraph?
- a. People stand in long lines on Black Friday.
- b. Black Friday is the best time of the year to get good deals.
- c. Black Friday is a really disappointing time of the year.
- d. Black Friday deals are limited and not everyone will get one.
- 5. Which country does not participate in Black Friday?
- a. France

b. Costa Rica

c. Brazil

- d. United Kingdom
- 6. Which happened first?
- a. Stores tried to rename the day after Thanksgiving "Big Friday."
- b. Black Friday events began happening in Australia.
- c. Police began calling the day after Thanksgiving "Black Friday."
- d. Black Friday became the busiest shopping day of the year.
- 7. Which title best expresses the author's purpose in writing this text?
- a. Black Friday: Stories from the Parking Lot
- b. Black Friday: Why You Should Go This Year
- c. Black Friday: The Stuff That You Should Know
- d. Black Friday: How to Save Money on the Big Day
- 8. Which best describes the overall structure of the fifth paragraph?
- a. chronological order

- b. problem and solution
- c. compare and contrast
- d. order of importance

9. Which was	not cited as one of the downsides of Black Friday?						
	out of high demand items quickly.						
b. Nobody rea	ally saves any money on Black Friday.						
	arge crowds and lots of shoving.						
d. Sometimes	violence occurs at Black Friday events.						
10. Which best explains why Costa Ricans call Black Friday "Viernes Negro"?							
a. Costa Rican	a stores don't want the shopping day associated with American violence.						
	gro sounds more exotic and exciting than Black Friday.						
<ul> <li>c. Costa Rican</li> </ul>	Costa Ricans want to establish their own shopping tradition.						
I. This is how you say "Black Friday" in Spanish, the language of Costa Rica.							
Long Response Questions							
How do stores response.	s try to lure shoppers during Black Friday events? Use the text to support your						
	9						
5-14							
	<del></del>						
Why is Black	Friday a frustrating experience for some people? Refer to the text in your answer.						

-		 	
-			
support your resp	oonse.		
support your resp	ionse.		
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Percent Problems	Date	Period
Solve each problem. Round to the nearest te	nth or tenth of a percent.	
) What percent of 29 is 3?	2) What percent of 33.5 is 21?	
3) What percent of 55 is 34?	4) 41% of 78 is what?	
5) 28% of 63 is what?	6) 58% of what is 63.4?	
7) 1 is what percent of 52.6?	8) What percent of 38 is 15?	
9) 4% of 73 is what?	10) What is 12% of 17.5?	
11) 79% of 67 miles is what?	12) What is 59% of 14 m?	

For more assistance visit <a href="www.mpj-academy.org/schedule-center">www.mpj-academy.org/schedule-center</a> and schedule a "Progress Check"

13) 112 minutes is 76% of what?	14) What is 16% of 43 minutes?
147.4 minutes	6.9 minutes
15) \$73 is what percent of \$125?	16) What is 90% of 130 inches?
58.4%	117 inches
17) What is 68% of 118 tons?	18) What percent of 180.4 minutes is 25.7 minutes?
80.2 tons	14.2%
19) 16 inches is 35% of what?	20) 90% of 54.4 hours is what?
45.7 inches	49 hours
21) 140 ft is 97% of what?	22) What is 170% of 97 tons?
144.3 ft	164.9 tons
22) What is 1020/ of 127 hand	24) 102 haves in 0464 after her?
23) What is 103% of 127 tons?	24) 102 hours is 94% of what? 108.5 hours
130.8 tons	108.5 nours
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### Grade 11 - Packet III - Technology Applications

Directions: Student will complete a Powerpoint Presentation. It must have a beginning slide (introductory), a conclusion slide and ten (10) slides in between. Each slide must contain at least 7 lines of text and no more; and supported by pictures as much as possible. Each slide should be animated.

You may choose any topic you want. Here is a list of suggested topics:

- Does the current learning environment cater to the needs of all learners?
- The effect of social media on education is US schools and colleges
- Online learning: Pros and Cons
- Countries that offer the best quality of education: How do they do it?
- Should parents be more or less involved in the education process?
- Teaching leadership at a young age
- How can academic presentation boost self confidence?
- Should teachers retire after a certain age?
- Studying abroad and its benefits
- Finding the perfect student loan: Is it possible?

Upon completion of your	Powerpoint sen	d via email to instructor:		
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