

Polk County Middle School E-Team Tournament

Introduce yourself. Welcome the participants and give the significance of this particular competition. The six teams with the highest scores of all competing teams will compete in the County Championship round this afternoon.

Introduce the judges, scorekeepers and student assistants, if any.

Have the team coaches come forward to introduce themselves and the team members.

Conduct a button check.

Begin the 5-point question round for 6th grade.

ECON 1. Identify respectively each of the following four as either a renewable or nonrenewable resource.

1. oil
2. lumber
3. wind
4. coal

Answer: 1. nonrenewable, 2. renewable, 3. renewable, 4. nonrenewable

ECON 2. Complete the following statement by supplying the missing word.

The industry which fabricates the outer tiles for the space shuttle only has 3 firms that can produce them. While this market is not considered a monopoly, it is considered a or an _____.

Answer: oligopoly
(Source: Intermediate Dictionary)

SCI 3. The nucleus of an atom contains which one of the following four combinations of subatomic particles?

1. protons and electrons
- *2. protons and neutrons
3. electrons and neutrons
4. only neutrons

(Source: Prentice Hall Science)

ECON 4. Match each of the four economics terms to its antonym.

<u>Terms</u>	<u>Antonyms</u>
A. deflation	1. needs
B. supply	2. inflation
C. gross	3. net
D. wants	4. demand

Answer: A-2, B-4, C-3, D-1

ENG 5. Complete the following sentence by using between or among.

We had three dollars _____ the two of us.

Answer: between

MATH 6. In the summer, Sarah drives 13 miles, one way, to work. She works 5 days per week. How many miles does she travel per week?

Answer: 130

ECON 7. Spell the two-word economics term which means expenditures in excess of revenues.

Answer: b-u-d-g-e-t d-e-f-i-c-i-t

ECON 8. Fill in the blank.

Private enterprise is described as business activities not controlled by _____ regulations.

Answer: government

ECON 9. What three-word economics term is used for a person who works in an office or a store?

Answer: white collar worker

SS 10. Fill in the blank with the missing word:

The branch of geography that studies maps and mapmaking is _____.

Answer: cartography

End of 5-point round for 6th grade.

Announce the two-minute break. Coaches may make substitutions and talk with their teams.

Time 2 minutes.

Conduct a button check after the break.

Announce cumulative scores.

Begin the 10-point question round for 6th grade.

ENG 11. Identify the three occupations of the characters in the rhyme that begins

“Rub-a-dub-dub
Three men in a tub,

Answer: (any order) butcher, baker, candle-stick maker

SCI 12. Which one or ones of the following four are included in the Periodic Table of the Elements?

- *1. hydrogen
- *2. gold
- *3. plutonium
- *4. einsteinium

(Source: Science Plus, Green Level)

ECON 13. Word scramble: Rearrange the following five words which represent the definition of an economics term. Identify and spell the term.

lent, sum, invested, the, or

Answer: p-r-i-n-c-i-p-a-l (Note: the sum invested or lent)

MATH 14. An office manager ordered 12 boxes of pencils. Each box contained 10 packages of pencils. Each package contained 5 pencils. How many pencils did the office manager order?

Answer: 600

ENG 15. Which one of the following three terms describes the relationship between abundance and scarcity?

- 1. homonyms
- 2. synonyms
- *3. antonyms

ECON 16. What is the product of the number of syllables in the economics term defined as taking money from a bank account and the number of letters in the one-word economics term meaning amount paid for the use of money?

Answer: 3 x 8 = 24 (Note: withdrawal, interest)

ENG 17. Give the number of nouns and the number of adverbs in the following sentence.

Liquidity is the ability to convert an asset into cash easily and quickly.

Answer: nouns = 4; adverbs = 2

(Note: nouns = liquidity, ability, asset, cash; adverbs = easily, quickly)

MATH 18. In simplest fractional form what part of a circle is a 45° angle?

Answer: 1/8 (Source: Practical Problems in Math)

ECON 19. Letter scramble: Unscramble the following letters to form a two-word economic term.

First word: R E A D B U L

Second word: O D O G S

Answer: durable goods

ENG 20. Which one or ones of the following four words would appear on the dictionary page with guide words absolute and advertise.

1. advertising
- *2. account
3. advocate
- *4. accountant

End of 10-point round for 6th grade.

Announce the two-minute break. Coaches may make substitutions and talk with their teams.

Time 2 minutes.

Conduct a button check after the break.

Announce cumulative scores.

Begin the 15-point question round for 6th grade.

ECON 21. Which one or ones of the following three are examples of a variable cost?

- *1. labor costs

*2. raw material costs

*3. energy costs

SCI 22. This is a three-part question concerning the metric system.

Part 1: Convert 10 meters to kilometers
Part 2: Convert 2 kilometers to centimeters
Part 3: Convert 10 kilograms to milligrams

Answer: Part 1: .01, Part 2: 200,000, Part 3: 10,000,000
(Source: The Nature of Science, Prentice Hall)

ENG 23. Identify all the adverbs and verbs in the following sentence.

The diligent E-team student always studied the economics terms carefully and never missed a team question.

Answer: adverbs - always, carefully, never
verbs - studied, missed

ECON 24. Complete the following sentence using one of the four given choices.

During a period of inflation, the purchasing power of money _____.

- *1. decreases
- 2. increases
- 3. stays the same
- 4. becomes nonexistent

MATH 25. In which quadrant in the coordinate plane would the ordered pair negative two, positive three lie?

Answer: (quadrant) 2

ECON 26. Name the economics term used to describe the interest which Federal Reserve Banks charge banks for the use of their money.

Answer: discount rate

ECON 27. Supply the two missing words to complete the following description.

Sheet steel and glass are _____ purchased by an auto company and processed further into parts of a car.

Answer: intermediate goods

For the next three questions you will be given Handout 6-1-1. Do not distribute these until you are instructed to do so. (pause) You may distribute these face up.

ECON 28. Give the two economics terms which can both be defined as the price at which the quantity demanded is equal to the quantity supplied.

Answer: equilibrium price, market clearing price (either order)

ECON 29. This is a two-part question.

Part 1: What is the equilibrium price?

Part 2: What is the equilibrium quantity?

Answer: Part 1: Price - \$800, Part 2: Quantity - 700 (units or guitars)

ECON 30. What economics term describes what will happen at a price of \$500?

Answer: shortage

End of 15-point round for 6th grade.

It is time for the 30-point team question entitled “Show Me the Money.”

For this team question you will be given Handout 6-1-2.

Do not distribute the handouts until you are instructed to do so.

This team question is worth a total of 30 points. Each question is worth three points.

You will be given 3 minutes to complete the handouts. Remember to identify one handout in the upper left-hand corner as your team answer sheet to be collected and scored.

Distribute the handouts face down. (pause)

Turn the handouts over and begin.

Time 3 minutes.

STOP! Hold your team answer sheet in the air. (collect)

Handout 6-1-1**Exhibit I
“Space Warp” by Classic Guitars**

Quantity Buyers Will Purchase	Price	Quantity Classic Offers (Supply)
\$1000	500	400
900	600	500
800	700	600
700	800	700
600	900	800
500	1000	900
400	1100	1000

Handout 6-1-2

Team # _____

Show Me the Money

1. Identify the indirect object and direct object in the following sentence:

Show me the money.

indirect object _____ direct object _____

2. What kind of sentence is "Show me the money."? _____
3. In the metric system a nickel has a mass of approximately five _____.
4. A penny is to a dollar as a _____ is to a meter.
5. What denomination of currency shows a picture of the president who once lived at Mount Vernon? _____
6. The two-word economics term which means interest banks charge their biggest and best customers is _____.
7. If 10 coconuts = 1 string of white whales' teeth and 10 strings of white whales' teeth = 1 good pig, how many coconuts would Roger need in order to purchase 2 good pigs?

8. Because Carol works in the flower shop, she gets a 10% discount on purchases. What is her discount on a \$25 arrangement of flowers? _____
9. How much money would you have if you had one of each U.S. coin? _____
10. Whose picture is on the \$100 bill? Is the person pictured on the \$100 bill a former U.S. president? _____

Read answers: (3 points each)

1. me, money
2. imperative
3. grams
4. centimeter
5. (one) dollar (bill) (accept: \$1 or \$1.00)
6. prime rate
7. 200
8. \$2.50
9. \$1.91
10. no

Announce scores from team question.

Say: Are there any questions?

Announce the two-minute break during which the 7th grade team is seated. (Collect handouts and put out fresh paper and pencils if needed.)

Time 2 minutes.

Conduct a button check after the break.

Announce cumulative scores.

Begin the 5-point question round for 7th grade.

ECON 1. Complete the following analogy using one of the three given choices.

Job is to occupation as trade is to _____.

1. output
- *2. barter
3. income

ENG 2. Tell whether the following sentence is interrogative, imperative, declarative, or exclamatory.

Do you have the necessary capital to finance this investment?

Answer: interrogative

SS 3. What river forms a natural boundary between Texas and Mexico?

Answer: Rio Grande

- SCI** 4. Letter scramble: Unscramble the following letters to form a two-word astronomy term that relates to how planets move. Identify the term.

First word: a e e g d r r r t o

Second word: i m n o o t

Answer: retrograde motion

(Source: Science Plus, Green Level)

- ECON** 5. Match each of the three types of business organization to the best description.

<u>Types of Organization</u>	<u>Descriptions</u>
A. proprietorship	1. treated by law as an individual
B. partnership	2. owned by one person
C. corporation	3. owned by two or more people

Answer: A-2, B-3, C-1

- MATH** 6. If dinner is to be served at 8:00 p.m., what time should the cook start preparing the potatoes if they take 20 minutes to peel, 40 minutes to cook, and 15 minutes to mash?

Answer: 6:45 p.m. (Note: If p.m. is not given, ask for more information.)

- ECON** 7. Give the two-word economics term which describes the purpose of saving.

Answer: future consumption

(Source: Decisionomics Terms)

- MATH** 8. One is the first odd prime number. True or false?

Answer: false (Note: One is neither prime nor composite)

- ENG** 9. Which one or ones of the following four are examples of a first person narrator?

1. Susan
2. you
3. he
- *4. I

- SCI** 10. How many meters are there in 1865 centimeters?

Answer: 18.65

(Source: Merrill Physical Science)

End of 5-point round for 7th grade.

Announce the two-minute break. Coaches may make substitutions and talk with their teams.

Time 2 minutes.

Conduct a button check after the break.

Announce cumulative scores.

Begin the 10-point question round for 7th grade.

ECON 11. Match each of the four economics terms to its synonym.

<u>Terms</u>	<u>Synonyms</u>
A. alternatives	1. business
B. output	2. payment
C. compensation	3. choices
D. firm	4. product

Answer: A-3, B-4, C-2, D-1

MATH 12. It is reported that astronomers keep track of about 7,000 objects. One out of every ten of these is a satellite. The rest are “space trash.” About how many satellites are astronomers tracking?

Answer: 700

ENG 13. Identify the literary term as expressed in the following sentence:

The business cycle is a roller coaster this year.

Answer: metaphor

The next two questions share information.

ECON 14. What are the two main principles of taxation?

Answer: (either order) ability to pay; benefit principle

ECON 15. Identify respectively the following three taxes as based on the ability to pay or the benefit principle.

1. gasoline tax
2. income tax
3. property tax

Answer: 1. benefit, 2. ability (to pay), 3. ability (to pay)

MATH 16. Using the proper unit of measurement give the perimeter of a square whose area is 36 square meters.

Answer: 24 meters (Note: Meters must be included in answer.)

SCI 17. List the seven major biological classification groups in order from largest to smallest.

Answer: kingdom, phylum, class, order, family, genus, species

ENG 18. Choose the correct form of the verb in the following sentence: Everyone in our various corporations (benefit or benefits) from environmental conservation.

Answer: benefits

ECON 19. Match each of the four steps in the PACED Model to its example.

<u>PACED Steps</u>	<u>Examples</u>
A. alternatives	1. How should I spend the gift certificate?
B. problem	2. I want it to last a long time.
C. decision	3. I want CD's, rollerblades or clothes.
D. criteria	4. I'll get the CD's.

Answer: A-3, B-1, C-4, D-2

For the next question you will use the following information.

Gold-198 has a half-life of 64.8 days.

SCI 20. If you begin with 4 grams of gold 198, which one of the following four measurements is closest to the amount left after 65 days?

1. 64.8 grams
- *2. 2 grams
3. 1 gram
4. 1/2 gram

(Source: Science Interaction)

End of 10-point round for 7th grade.

Announce the two-minute break. Coaches may make substitutions and talk with their teams.

Time 2 minutes.

Conduct a button check after the break.

Announce cumulative scores.

Begin the 15-point question round for 7th grade.

SCI 21. Match each of the four terms related to earthquakes to its definition.

<u>Terms</u>	<u>Definitions</u>
A. epicenter	1. sea wave caused by an underwater earthquake
B. focus	2. point on the surface of the earth where an earthquake originates
C. tsunami	3. crack in the earth along which rock moves
D. fault	4. point beneath the surface where the rock breaks and moves

Answer: A-2, B-4, C-1, D-3

ENG 22. Give in order the punctuation marks needed in the following sentence ending with the word index.

Mrs. Jane L. Davis stated, "The Bureau of Labor Statistics compiles the consumer price index."

MATH 23. Sgt. O.N. Time plans a bed check at midnight. It is now 22:37 hours. How much time does Pvt. Often Late have to return to base and get to bed?

Answer: 1 hr. 23 min. (accept: 83 minutes)

ECON 24. Which one of the following four countries is NOT a member of the EC?

1. Belgium
2. Britain
3. Denmark
- *4. Russia

SCI 25. Fill in the blank.

The apparent shift in the position of an object, such as a star, when seen from different locations or angles is called _____.

Answer: parallax
(Source: Science Plus, Red Level)

ECON 26. Give the two-word economics term used to describe the extra satisfaction one receives from consuming one more unit of a good or service.

Answer: marginal utility

MATH 27. A special matinee of a magic show costs \$4 for adults and \$1 for children under 10. If twice as many children attended as adults and the show received a total of \$72, how many adults attended?

Answer: 12

ECON 28. Give the backwards spelling of the 12-letter economics term for a person who assumes the risk in starting a business.

Answer: r-u-e-n-e-r-p-e-r-t-n-e (Note: entrepreneur)

ENG 29. Match each of the four speakers to the appropriate pun.

<u>Speakers</u>	<u>Puns</u>
A. astronomer	1. "I love all people."
B. cannibal	2. "I try to make the little things count."
C. dentist	3. "My business is looking up."
D. kindergarten teacher	4. "My occupation is very filling."

Answer: A-3, B-1, C-4, D-2

For the next question you will be given Handout 7-1-1. Do not distribute these until you are instructed to do so. (pause) You may distribute these face up.

ECON 30. Match each of the following five terms to the appropriate number on the graph.

- A. demand
- B. supply
- C. equilibrium
- D. surplus
- E. shortage

Answer: A-4, B-2, C-3, D-1, E-5

End of 15-point round for 7th grade.

It is time for the 30-point team question entitled "Time Machine."

For this team question you will be given Handout 7-1-2.

Do not distribute the handouts until you are instructed to do so.

This team question is worth a total of 30 points. Each question is worth three points.

You will be given 3 minutes to complete the handouts. Remember to identify one handout in the upper left-hand corner as your team answer sheet to be collected and scored.

Handout 7-1-1

Handout 7-1-2

Team # _____

Time Machine

1. When it is 11:00 a.m. in Los Angeles, what time is it in Lakeland, Florida?

2. Unscramble the following words to form a wise saying.

time saves a nine in stitch _____

3. To calibrate your time machine, you divide the earth's history into the largest divisions of the geologic time scale. These are called _____.

(Source: Science Plus, Red Level)

4. Fill in the blanks to form two types of income associated with time.

___ ___ g ___ s

___ ___ e ___ e ___ ___

5. You set your time machine for Earth 200 million years ago. Your door opens on a supercontinent named for all lands called _____.

6. Identify the author of A Wrinkle in Time. _____

7. In 1927, Charles Lindbergh flew 3600 miles from New York to Paris in about 34 hours. What was his rate of speed in miles per hour rounded to the nearest whole number?

8. What word, which is the monetary unit of Costa Rica, is also the punctuation mark used to separate hours and minutes? _____

9. If you were to step in a time machine today and travel back to the signing of the Declaration of Independence, how many years would you travel back in time? _____

10. Match the time period to the novel.

	<u>Time Periods</u>	<u>Novels</u>
_____	A. American Revolution	1. <u>Adam of the Road</u>
_____	B. Medieval Times	2. <u>Number the Stars</u>
_____	C. World War II	3. <u>Fahrenheit 451°</u>
_____	D. Future	4. <u>Johnny Tremain</u>

Distribute the handouts face down. (pause)

Turn the handouts over and begin.

Time 3 minutes.

STOP! Hold your team answer sheet in the air. (collect)

Read answers: (3 points each)

1. 2:00 p.m. (Note: Answer must include p.m.)
2. A stitch in time saves nine.
3. eras
4. wages; interest
5. Pangaea
6. (Madeleine) L'Engle
7. 106
8. colon
9. 222
10. A-4, B-1, C-2, D-3

Announce scores from team question.

Say: Are there any questions?

Announce the two-minute break during which the 8th grade team is seated. (Collect handouts and put out fresh paper and pencils if needed.)

Time 2 minutes.

Conduct a button check after the break.

Announce cumulative scores.

Begin the 5-point question round for 8th grade.

ECON 1. Fill in the blank. Growing only enough food to provide for one's own family is known as _____ farming.

Answer: subsistence

SCI 2. Calculate the force in newtons of an object that has a mass of 12 kilograms and an acceleration of 4 meters per second squared.

Answer: 48

(Source: Merrill Physical Science)

ENG 3. Use the following seven words to form a wise economic saying:

a, nor, neither, lender, a, be, borrower

Answer: Neither a borrower nor a lender be.

MATH 4. Evaluate the following expression:

Three squared divided by one-third plus three times six.

Answer: 45

ECON 5. Identify the one economics term that would correctly complete the following four phrases.

_____ mark
gingham _____
_____ point
cash a _____

Answer: check

ENG 6. Correctly place the verbs rise and raise in the following sentence:

If we can _____ enough new capital to cover expenditures, perhaps our stock prices will _____.

Answer: raise, rise

SCI 7. Which one of the following three describes the relationship of current to voltage?

- *1. proportional to
- 2. equal to
- 3. inversely proportional to

MATH 8. The temperature outside the space shuttle is negative 125 degrees Fahrenheit. The temperature inside the shuttle is 193 degrees Fahrenheit warmer. What is the temperature in degrees Fahrenheit inside the space shuttle?

Answer: 68

- SS** 9. Letter scramble. Unscramble the following letters to form a two-word history term coined by John L. Sullivan that was a popular belief of Americans in the 1840s.

First word: a f m i n s t e

Second word: n i t d s e y

Answer: manifest destiny

- ECON** 10. If Mary deposits \$200 in her savings account at 10% simple interest, how much will she have in her account at the end of 2 years?

Answer: \$240

End of 5-point round for 8th grade.

Announce the two-minute break. Coaches may make substitutions and talk with their teams.

Time 2 minutes.

Conduct a button check after the break.

Announce cumulative scores.

Begin the 10-point question round for 8th grade.

- ECON** 11. Identify respectively the following three taxes as regressive, progressive or proportional.

1. income tax

2. sales tax

3. property tax

Answer: 1. progressive, 2. regressive, 3. proportional

- SCI** 12. Which one of the following four phrases describes the size of the gravitational force between two objects after the distance between them is doubled?

1. remains the same

2. is doubled

*3. is quartered

4. is halved

- ENG** 13. Identify the direct object in the following sentence.

Advertise your new products on the World Wide Web.

Answer: products

- MATH** 14. Roger is taking his friend Marty to lunch to a restaurant which does not charge sales tax. He has exactly \$15 to spend and plans to leave a 15% tip. What is the maximum-priced lunch he can buy?

Answer: \$13.04

(Source: Algebra Problems - One Step Beyond, Reuben Schadler)

- SS** 15. Which one of the following four was not a part of Alexander Hamilton's financial plan for the United States?

1. the creation of a national bank
- *2. creation of an income tax
3. assumption of the state debts
4. an excise tax on whiskey

- MATH** 16. A golfer's handicap is 80% of the difference between her average score and the par for the golf course she is playing. The golfer's average is 97, and the par for the golf course she is playing is 72. Determine the golfer's handicap.

Answer: 20

(Source: Practical Problems in Math)

- ECON** 17. Match each of the four acronyms to the description of its function.

<u>Acronyms</u>	<u>Descriptions</u>
A. USDA	1. agency which protects bank deposits
B. FICA	2. law which provides for deductions for Social Security
C. FDIC	3. agency which prevents "unfair competition"
D. FTC	4. agency which regulates the quality of agriculture

Answer: A-4, B-2, C-1, D-3

- ENG** 18. Tell whether the following sentence is simple, compound, or complex.

After twelve-year-old John received some IBM stock for his birthday, he became fascinated with the stock market.

Answer: complex

- ECON** 19. The New York Stock Exchange and NASDAQ have announced that instead of the previous tradition of a moment of silence, they will close their markets on the third Monday of January in honor of whom?

Answer: (Dr.) Martin Luther King, Jr.

(Note: If Jr. is not given, ask for more information.)

(Source: The Ledger, 6/9/97)

SCI 20. Fill in the blank: A certain atom has 26 protons, 26 electrons, and 30 neutrons. Its mass number is _____.

Answer: 56

End of 10-point round for 8th grade.

Announce the two-minute break. Coaches may make substitutions and talk with their teams.

Time 2 minutes.

Conduct a button check after the break.

Announce cumulative scores.

Begin the 15-point question round for 8th grade.

ECON 21. Which one of the following four federal agencies is responsible for “open market operations?”

1. Federal Trade Commission
2. Social Security Administration
3. Commerce Department
- *4. Federal Reserve System

SCI 22. Match each of the four genetics terms to its description.

<u>Terms</u>	<u>Descriptions</u>
A. mitosis	1. process that results in the formation of sex cells
B. meiosis	2. process that results in the formation of two identical cells
C. fetus	3. unborn child from 2nd to 8th week of development
D. embryo	4. unborn child from the 9th week to birth

Answer: A-2, B-1, C-4, D-3

MATH 23. Merry and Sandy rented an apartment for \$645 each month and shared the rent equally. After 4 months, Tess moved in and the rent was divided three ways. How much was Merry’s rent for the year?

Answer: \$3,010

ENG 24. Match each of the four explanations to the corresponding euphemism.

<u>Explanations</u>	<u>Euphemisms</u>
A. lies	1. needs to develop quieter habits of communication
B. has a big mouth	2. resorts to physical means of winning his/her point
C. is a klutz	3. shows difficulty in distinguishing between imaginary and factual material
D. fights	4. has difficulty with motor control and coordination

Answer: A-3, B-1, C-4, D-2

ECON 25. Which one or ones of the following four could be methods of distributing existing goods when a shortage occurs?

- *1. on a first-come, first-served basis
- *2. by holding a drawing
- *3. by giving everyone a certain number of units of the item
- *4. price

SS 26. Match each of the four jobs to its description.

<u>Jobs</u>	<u>Descriptions</u>
A. peddler	1. made horseshoes
B. blacksmith	2. sold and repaired knives
C. cutter	3. made wool into thread
D. spinner	4. traveled from town to town selling

Answer: A-4, B-1, C-2, D-3

ENG 27. Give in order the punctuation marks needed in the following sentence ending with the word student.

“Is a progressive tax one which increases with a taxpayer’s income?” asked Mary, a middle school student.

Answer:

MATH 28. John and his twin brothers each bought three identical notebooks when school started in August. John paid for the notebooks with a \$10.00 bill. He received under \$0.50 in change all in nickels. No sales tax was charged. What was the price paid for one notebook?

Answer: \$1.10

SS 29. Match each of the four presidential appointees to the office each currently holds.

<u>Appointees</u>	<u>Offices</u>
A. Madeline Albright	1. Secretary of State
B. Janet Reno	2. Secretary of the Treasury
C. Alan Greenspan	3. Attorney General
D. Robert Rubin	4. Chairman of the FED

Answer: A-1, B-3, C-4, D-2

For the next question you will be given Handout 8-1-1. Do not distribute these until you are instructed to do so. (pause) You may distribute these face up.

SCI 30. This is a four-part question using the information on the handout. Fill in the blank in each of the following four statements.

1. A neutral atom of tin has _____ protons.
2. A neutral atom of tin has _____ electrons.
3. The atomic mass of tin is _____.
4. An isotope of tin that has 70 neutrons has a mass number of _____.

Answer: 1. 50 protons, 2. 50 electrons, 3. 118.71, 4. 120

End of 15-point round for 8th grade.

It is time for the 30-point team question entitled “Use It Again, Sam.”

For this team question you will be given Handout 8-1-2.

Do not distribute the handouts until you are instructed to do so.

This team question is worth a total of 30 points. Each question is worth three points.

You will be given 3 minutes to complete the handouts. Remember to identify one handout in the upper left-hand corner as your team answer sheet to be collected and scored.

Distribute the handouts face down. (pause)

Turn the handouts over and begin.

Time 3 minutes.

STOP! Hold your team answer sheet in the air. (collect)

Handout 8-1-1

Handout 8-1-2

Team # _____

Use It Again, Sam

1. Fill in the blanks in the following paragraph with their, they're, or there used correctly.

Environmentalists will take _____ bottles and cans to recycling bins. _____ helping to reduce the amount of waste in landfills by placing the trash _____.

2. The process of trapping heat within the earth's atmosphere which results in increasing global temperature is called the _____.

3. What are the 4 R's of recycling? _____

4. Energy sources that can be replaced naturally if used wisely are _____.

5. According to Dr. Seuss, what was it that Sam did not like to eat? _____

6. The carbon dioxide that is released from human activity accounts for $\frac{174}{10^7}$ of certain harmful gases released each year. Write this number as a decimal. _____

7. What environmental nonrenewable resource is found in the Appalachian region of the U.S.? _____

8. The Recycling Center is currently paying \$0.32 per pound for aluminum cans. How much money will the Middle School Recycling Club earn if they turn in 250 pounds of cans? _____

9. Fill in the two blanks using the same word.

The soldiers surrounded the enemy _____.

A _____ sentence is made of two independent clauses.

10. Sam Walton opened the first Wal-Mart Discount City in 1962, and by 1991 Wal-Mart was America's largest retailer. How many years did it take Wal-Mart to become number one? _____

Read answers: (3 points each)

1. their; they're; there
2. greenhouse effect
3. reduce, reuse, reclaim, recycle (any order)
4. renewable resources
5. green eggs and ham
6. 0.0000174
7. coal
8. \$80
9. compound
10. 29

Announce scores from team question.

Say: Are there any questions?

Teams should remain seated until final scores are computed.

(If scores are tied, have a two-minute break before beginning the tie-breaker question(s). Only those teams whose scores are tied will compete.)

Announce the two-minute break. Time 2 minutes.

Begin tie-breaker question round. Conduct a button check. One point is awarded to the team for a correct answer, or one point is subtracted for an incorrect answer. SEND SCORE SHEETS TO PEGGY IMMEDIATELY!!!!

Tie-breaker questions.

ECON 1. Spell the economics term defined as the ratio of dividends per share of corporate stock, in dollars, to the purchase price per share, in dollars.

Answer; y-i-e-l-d

MATH 2. Simplify the following mathematical expression which contains no grouping symbols: fifteen plus fourteen times three divided by six times three minus three times seven.

Answer: 15