

**2001 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 will compete in the final round. Trophies will be awarded for “Best in Grade Level.” Additionally, each team member and head coach of the six finalist teams will receive a trophy. A school trophy will also be awarded to these six schools. All trophies have been donated by Tampa Electric and the Polk Economic Education Council. We would like to thank Tampa Electric and the Council for their support that includes not only the trophies, but also the ribbons, T-shirts and lunch.**

**Have the judges and scorekeepers introduce themselves.**

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

**Conduct a button check.**

**Begin the 5-point question round for 6<sup>th</sup> grade.**

**ENG** 1. Spell the term equilibrium.

Answer: e-q-u-i-l-i-b-r-i-u-m

**ECON** 2. Which one or ones of the following four are not features of the U.S. economy?

1. private property
- \*2. unlimited government interference
3. free enterprise
4. profit

**MATH** 3. Matt earns \$5.25 per hour at his after-school job. Compute his total earnings for a week in which he worked 27 hours.

Answer: \$141.75

**ECON** 4. Identify the economic principle that states that people with more income or wealth should pay more taxes.

Answer: ability-to-pay (principle)

**ENG** 5. Identify the following sentence as declarative, exclamatory, imperative or interrogative.

Look in your dictionary to find the definition of oligopoly.

Answer: imperative

**SCI** 6. State the first step in the scientific method.

Answer: state the hypothesis (Accept similar response.)

**ECON** 7. Complete the following statement using one of the four given choices.

The Securities and Exchange Commission \_\_\_\_\_.

1. regulates the amount of money and credit in circulation
2. supervises the coining of money
- \* 3. regulates the sale of stocks and bonds
4. guarantees home mortgages

**MATH** 8. Give the next three terms in the following series of numbers: 6, 8, 7, 9, 8, \_\_, \_\_, \_\_

Answer: 10, 9, 11 (Note: add 2, subtract 1)

**For the next question you will use this information. In the mythical kingdom of Erekwon, the basic unit of money is the rudoft. At today's exchange rate, four rudofts are equal to \$1.00.**

**ECON** 9. A U.S. tourist wishes to purchase a guidebook. The price is six rudofts. What is the value of this guidebook in U.S. dollars?

Answer: \$1.50 (accept: 1 and 1/2 dollars)

**ECON** 10. Spell the missing word in the following sentence. According to your glossary, \_\_\_\_\_ is defined as assets that can be pledged to obtain a loan.

Answer: c-o-l-l-a-t-e-r-a-l

**End of 5-point question round for 6th grade.**

**Have the judges turn over their question sets. Announce the two-minute break during which coaches may make substitutions and discuss 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.**

**ECON** 11. Letter scramble. Unscramble the following letters to form a two-word economics term. Identify the term.

First word: N, M, D, U, P, O, O, C

Second word: E, E, N, R, T, T, S, I

Answer: compound interest

**MATH** 12. Darrell needs to measure a board 72 inches in length. He can't find a ruler, but he knows his hand is 1/2-foot long. How many hand lengths will he have to mark to get the length he needs?

Answer: 12

**ECON** 13. Which one of the following four types of workers travel from one area to another in search of work?

1. regional workers
2. professional workers
- \*3. migrant workers
4. domestic workers

**ENG** 14. Identify respectively each of the nouns in the following sentence as a common or a proper noun: Last November my teacher took the class to Cypress Gardens in Winter Haven.

Answer: November – proper    teacher – common    class – common  
Cypress Gardens – proper                      Winter Haven – proper

**MATH** 15. Tanya found a poster for \$4.50 and a shirt for \$14.95 that she wanted to buy. If sales tax is 6% and Tanya has only one Jackson, can she buy both items?

Answer: no            (Note:  $\$14.95 + \$4.50 = \$19.45$ ; 6% of  $\$19.45 = \$1.17$ )

**ECON** 16. In what step of the PACED decision making model is Susan if she is considering all the possibilities of using her baby-sitting money?

Answer: list the alternatives

**ECON** 17. I will give you every other letter of a term from your glossary. Identify the term.

\_\_ E \_\_ R \_\_ C \_\_ A \_\_ I \_\_ N

Answer: depreciation

**ECON** 18. I will give you all the vowels in reverse order of a term from your glossary. Identify the term.

\_\_ \_\_ E I \_\_ I \_\_ \_\_ E

Answer: efficient

**MATH** 19. As part of a company wellness program Jessie has started doing sit-ups. If she does two the first day and each day does two times as many as the day before, how many will she do on the seventh day?

Answer: 128

**ECON** 20. Match each of the four terms to its definition.

| <u>Terms</u>         |    | <u>Definitions</u>                                   |
|----------------------|----|--|
| A. metropolitan area | 1. | area surrounding a city                              |
| B. suburb            | 2. | area made up mostly of farms or small towns          |
| C. megalopolis       | 3. | network or chain of several greatly populated areas  |
| D. rural             | 4. | area that includes the city and its surrounding area |

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

**End of 10-point question round for 6th grade.**

**Have the judges turn over their question sets. Announce the two-minute break during which coaches may make substitutions and discuss 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. Identify respectively the following four as renewable or nonrenewable resources.

1. iron ore
2. forests
3. copper
4. oil

Answer: nonrenewable; renewable; nonrenewable; nonrenewable

**ECON** 22. In the following sentence identify one example each of the four factors of production.

The sporting goods store owner secured a loan to purchase another lot for expansion, a new computer system and to give his employees a raise.

Answer: managerial (or entrepreneur) ability = store owner  
capital = computer system, loan, store  
land = lot labor = employees

**SCI** 23. In addition to the Celsius scale, on what two scales do scientists measure temperature?

Answer: Fahrenheit, Kelvin

**ENG** 24. Match each of the four sayings to its meaning.

| <u>Sayings</u>    | <u>Meanings</u>                              |
|-------------------|--|
| A. on tenterhooks | 1. general principle or rough estimate       |
| B. rule of thumb  | 2. nervously waiting for something to happen |
| C. tenderfoot     | 3. admit to a mistake or weakness            |
| D. eat humble pie | 4. inexperienced                             |

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

**For the next three questions answer increase or decrease to describe the likely impact on costs in each situation described.**

**ECON** 25. orange juice costs following a season which produces a bumper crop

Answer: decrease

**ECON** 26. applesauce costs following a season which witnessed an apple blight

Answer: increase

**ECON** 27. transportation costs following a labor union strike resulting in higher wages and benefits for truck drivers

Answer: increase

**ENG** 28. Identify the following quotation as a metaphor or a simile:

“The fog comes in on little cat feet”

Answer: metaphor

**ECON** 29. Suppose the population of Tahiti is 600,000 and there are 200,000 Tahitians in the workforce. If 150,000 Tahitians are working, what is the unemployment rate?

Answer: 25%

**The next question concerns a quadrilateral with sides measuring 3.5 feet,  $7/2$  feet, 3 and one-half feet and  $2\ 3/2$  feet.**

**MATH** 30. This is a two-part question.

Part 1: Determine the number of feet in the perimeter of this quadrilateral.

Part 2: Is this quadrilateral regular or irregular?

Answer: Part 1: 14; Part 2: regular

**End of the 15-point round for the 6th grade.**

**It is time for the 30-point team question entitled “A Taxing Problem.”**

**For this team question you will be given Handout 6-1-1. Locate the envelope labeled 6-1-1 but do not open it.**

**This team question is worth a total of 30 points. Each question is worth 3 points.**

**You will be given 4 minutes to complete the handouts. You are to identify your team answer sheet by writing your team number in the upper left-hand corner. This is the one handout to be collected and scored.**

**Open the envelope, distribute and begin.**

**Time 4 minutes.**

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



Handout 6-1-1  
ANSWERS

3 POINTS EACH

|                |                |                 |   |                 |   |                |   |                |   |                |   |   |   |
|----------------|----------------|-----------------|---|-----------------|---|----------------|---|----------------|---|----------------|---|---|---|
|                |                |                 |   |                 |   |                |   |                |   | <sup>1</sup> D |   |   |   |
| <sup>2</sup> P | <sup>3</sup> R | O               | G | <sup>4</sup> R  | E | S              | S | I              | V | E              |   |   |   |
|                | E              |                 |   | A               |   |                |   |                |   | F              |   |   |   |
|                | G              |                 |   | <sup>5</sup> T  | A | X              |   |                |   | I              |   |   |   |
|                | R              |                 |   | E               |   |                |   | <sup>6</sup> E | X | C              | I | S | E |
|                | E              |                 |   |                 |   | <sup>7</sup> C |   |                |   | I              |   |   |   |
|                | <sup>8</sup> S | U               | R | <sup>9</sup> P  | L | U              | S |                |   | T              |   |   |   |
|                | S              |                 |   | R               |   | S              |   |                |   |                |   |   |   |
|                | I              |                 |   | O               |   | T              |   |                |   |                |   |   |   |
|                | V              |                 |   | <sup>10</sup> P | R | O              | P | E              | R | T              | Y |   |   |
|                | E              |                 |   | O               |   | M              |   |                |   |                |   |   |   |
|                |                |                 |   | R               |   | S              |   |                |   |                |   |   |   |
|                |                |                 |   | T               |   |                |   |                |   |                |   |   |   |
|                |                |                 |   | I               |   |                |   |                |   |                |   |   |   |
|                |                |                 |   | O               |   |                |   |                |   |                |   |   |   |
|                |                | <sup>11</sup> B | E | N               | E | F              | I | T              | S |                |   |   |   |
|                |                |                 |   | A               |   |                |   |                |   |                |   |   |   |
|                |                |                 |   | L               |   |                |   |                |   |                |   |   |   |

Read answers: (3 points each)

**ACROSS:**

2. PROGRESSIVE
5. TAX
6. EXCISE
8. SURPLUS
10. PROPERTY
11. BENEFITS

**DOWN:**

1. DEFICIT
3. REGRESSIVE
4. RATE
9. PROPORTIONAL

Announce scores from team questions. *Ask if any team has a question concerning the scoring.*

Have the judges turn over their question sets. 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 7<sup>th</sup> grade.

**MATH** 1. Match each of the four types of angles to its degree measure.

|    | <u>Angle Types</u> | <u>Degree Measures</u> |
|----|--------------------|------------------------|
| A. | obtuse             | 1. 90                  |
| B. | straight           | 2. 42                  |
| C. | right              | 3. 180                 |
| D. | acute              | 4. 154                 |

Answer: A-4, B-3, C-1, D-2 (Note: If a team buzzes in early, answer must be exact!)

**ECON** 2. This is a two-part question concerning the 7 words: (Reader: Spell too each time)

too, goods, dollars, chasing, few, many, too

Part 1: Unscramble the words to form the definition found in your glossary of an economics term.

Part 2: Identify the term defined.

Answer: Part 1: too many dollars chasing too few goods; Part 2: demand-pull inflation

**ENG** 3. Fill in the blank using the word principal or principle (reader: spell each):

The \_\_\_\_\_ entrepreneur of the business has left.

Answer: principal

**MATH** 4. State the distance of the Appalachian Trail in standard form given that it is  $3^7$  miles long.

Answer: 2, 187

**ENG** 5. Arrange the following four economic terms in alphabetical order. Use the assigned numbers in giving your answer.

1. economics      2. economic efficiency      3. economical      4. economic growth

Answer: 3, 2, 4, 1

**ECON** 6. Fill in the blank with the missing two-word economics term.  
The degree to which changes in a good's price affects the quantity demanded by consumers is called \_\_\_\_\_.

Answer: elastic demand

**SCI** 7. Arrange the following five measurements in ascending order: dekaliter, liter, deciliter, kiloliter, milliliter.

Answer: milliliter, deciliter, liter, dekaliter, kiloliter

**ECON** 8. Which one of the following four is an example of a tax based on the benefits-received principle?

1. income tax
2. sales tax
3. property tax
- \*4. bridge toll

**ENG** 9. Identify the words in the following sentence that should be capitalized:  
Lieutenant Colonel Jones came to speak at the Memorial Day ceremony.

Answer: Lieutenant, Colonel, Jones, Memorial, Day

**SS** 10. Name the year 2000 presidential Reform Party candidate.

Answer: (Pat) Buchanan

**End of 5-point question round for 7th grade.**

**Have the judges turn over their question sets. Announce the two-minute break during which coaches may make substitutions and discuss 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.**

**MATH** 11. Name the three kinds of triangles that are classified by the lengths of their sides.

Answer: scalene, equilateral, isosceles (any order)

**ECON** 12. Fill in the blank with the missing two-word economics term.

Health insurance and work clothes provided by an employer are considered \_\_\_\_\_.

Answer: fringe benefits

**ECON** 13. Which one of the following four models shows how resources and money payments are exchanged in the United States economy?

1. consumption flow model
- \*2. circular flow model
3. elasticity flow model
4. production flow model

**ENG** 14. Identify the adverb clause in the following sentence:

Solar energy collectors work where there is plenty of sunshine.

Answer: where there is plenty of sunshine

**ECON** 15. Complete the following statement using one of the four given choices.

Compared to single proprietorships and partnerships, corporations are \_\_\_\_\_.

- \*1. more expensive to form
2. more likely to be controlled by their owner
3. usually smaller
4. subject to fewer taxes

**ECON** 16. Identify respectively the following four costs to a business as fixed or variable.

1. rent
2. labor wages
3. energy costs
4. insurance

Answer: fixed; variable; variable; fixed

**MATH** 17. An amusement park bought a merry-go-round for \$92,000, and 42,512 people paid \$2.00 each to ride it in the first year of operation. Ignoring the cost of operation, how much money did the park earn or lose on this ride in this first year?

Answer: loss of \$6,976

(Note:  $42,512 \times 2 = 85,024$ ;  $85,024 - 92,000$ )

**ENG** 18. This is a two-part question.

Part 1: Fill in the blank in the given sentence with the missing economics term.

Part 2: Identify each of the prepositional phrases in the sentence.

\_\_\_\_\_ are the portion of corporate profits paid periodically by a business to the owners of shares of stock.

Answer: Part 1: dividends  
Part 2: (see sentence)

**SCI** 19. In a certain experiment the measured temperature went from 7 degrees Fahrenheit to -17 degrees Fahrenheit. By how many degrees did the temperature drop?

Answer: 24 (Note: Do not accept -24.)

**ECON** 20. I will give you every other letter of a two-word term from your glossary of economic terms. Identify the term.

First word: \_ O \_ E \_ A \_ Y  
Second word: P \_ L \_ C \_

Answer: monetary policy

**End of 10-point question round for 7th grade.**

**Have the judges turn over their question sets. Announce the two-minute break during which coaches may make substitutions and discuss 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.**

**ECON** 21. Which one of the following four would most likely occur in a family if the prices of milk, potatoes and bread drop by one-third?

- \*1. buy about the same amount of these products and more of something else
2. buy one-third more of these products
3. buy one-third less of these products
4. substitute potatoes for bread at meals

**MATH** 22. The central plaza of a shopping mall has four triangular flower beds. Each bed has a base of 60 inches and a height of 48 inches. Compute the total area in square inches of the 4 beds.

Answer: 5,760 (Note: 4 x one-half x 60 x 48)

ENG 23. Match each of the four authors to his short story.

| <u>Authors</u>       |    | <u>Short Stories</u>      |
|----------------------|----|---------------------------|
| A. O. Henry          | 1. | “The Ransom of Red Chief” |
| B. Edgar Allan Poe   | 2. | “Rip Van Winkle”          |
| C. Washington Irving | 3. | “The Tell-Tale Heart”     |
| D. Charles Dickens   | 4. | “A Christmas Carol”       |

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

ECON 24. Which one of the following four formulates monetary policy?

1. International Monetary Fund
- \*2. Federal Reserve Board
3. President and Congress
4. Federal Deposit Insurance Corporation

ENG 25. Identify the literary term expressed in the following sentence:

I'd give my whole fortune for a bowl of bean soup.

Answer: hyperbole

ECON 26. Which one of the following four is a developing nation most likely to have?

- \*1. widespread poverty
2. declining population
3. high farm output
4. large amounts of capital

ECON 27. Complete the following sentence using one of the four given choices:

\_\_\_\_\_ unemployment can best be reduced by programs to retrain workers.

1. frictional
2. cyclical
- \* 3. structural
4. seasonal

MATH 28. State the multiplicative (mul-ti-**p**lik-ah-tive) inverse of nine-halves.

Answer: two-ninths

ECON 29. Which one or ones of the following four are social costs of economic growth?

- \*1. pollution
- \*2. overcrowding
3. high standard of living
- \*4. urbanization

- SCI** 30. Express in scientific notation the approximate length of a paramecium (para-**mee**-see-um) given that the length is seven hundred-thousandths meters.

Answer:  $7.0 \times 10^{-5}$

**End of the 15-point round for the 7th grade.**

**It is time for the 30-point team question entitled “Whose Bright Idea Was This?”**

**For this team question you will be given Handout 7-1-1. 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 3 points.**

**You will be given 4 minutes to complete the handouts. You are to identify one handout as your team answer sheet by writing your team number in the upper left-hand corner. This is the one handout to be collected and scored.**

**Distribute the handouts face down. (Pause.) Turn the handouts over and begin.**

**Time 4 minutes.**

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

**Read answers: (3 points each)**

**ACROSS:**

**1. ASSEMBLY LINE**

**4. PHOTOSYNTHESIS**

**7. EDISON**

**10. ANALOGY**

**11. EINSTEIN**

**DOWN:**

**3. APOLLO**

**5. TEMPERANCE**

**6. ENIAC**

**8. SOLAR**

**9. DIAMOND**

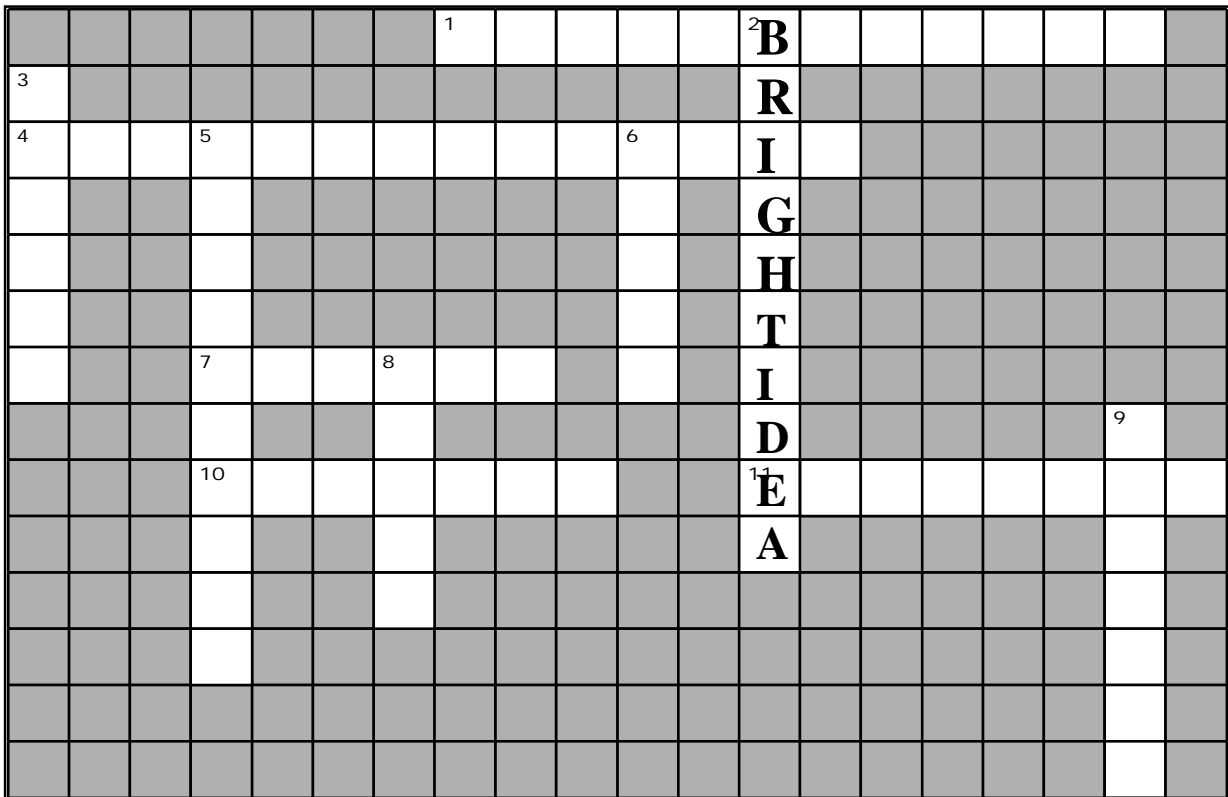
**Announce scores from team questions. *Ask if any team has a question concerning the scoring.***

**Have the judges turn over their question sets. 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.**

Handout 7-1-1  
Team # \_\_\_\_\_

WHOSE BRIGHT IDEA WAS THIS?



**Across**

- 1 Henry Ford's bright idea for mass production (two words)
- 4 takes place inside chloroplasts found in plant cells
- 7 surname of the inventor of the light bulb whose summer home was located in Fort Myers
- 10 Bill Gates is to Microsoft as Stephen Jobs is to Apple. This relationship is an example of an \_\_\_\_\_.
- 11 surname of scientist who formulated the theory of relativity

**Down**

- 2 Eli Whitney had a \_\_\_\_\_ when he developed the cotton gin.
- 3 Greek god of the Sun
- 5 Carrie Nation was part of this reform movement which resulted in the 18th Amendment.
- 6 the acronym for the first modern computer
- 8 When the moon passes directly in front of the sun a \_\_\_\_\_ eclipse occurs.
- 9 This "stone of fire," known as such by its high dispersion of light, is mined primarily in Africa.

Handout 7-1-1  
ANSWERS

3 POINTS EACH

|                |   |   |                 |   |   |                |   |                |   |                |   |                 |                |   |   |   |   |   |                |  |
|----------------|---|---|-----------------|---|---|----------------|---|----------------|---|----------------|---|-----------------|----------------|---|---|---|---|---|----------------|--|
|                |   |   |                 |   |   |                |   | <sup>1</sup> A | S | S              | E | M               | <sup>2</sup> B | L | Y | L | I | N | E              |  |
| <sup>3</sup> A |   |   |                 |   |   |                |   |                |   |                |   |                 | R              |   |   |   |   |   |                |  |
| <sup>4</sup> P | H | O | <sup>5</sup> T  | O | S | Y              | N | T              | H | <sup>6</sup> E | S | I               | S              |   |   |   |   |   |                |  |
| O              |   |   | E               |   |   |                |   |                |   | N              |   | G               |                |   |   |   |   |   |                |  |
| L              |   |   | M               |   |   |                |   |                |   | I              |   | H               |                |   |   |   |   |   |                |  |
| L              |   |   | P               |   |   |                |   |                |   | A              |   | T               |                |   |   |   |   |   |                |  |
| O              |   |   | <sup>7</sup> E  | D | I | <sup>8</sup> S | O | N              |   | C              |   | I               |                |   |   |   |   |   |                |  |
|                |   |   | R               |   |   | O              |   |                |   |                |   | D               |                |   |   |   |   |   | <sup>9</sup> D |  |
|                |   |   | <sup>10</sup> A | N | A | L              | O | G              | Y |                |   | <sup>11</sup> E | I              | N | S | T | E | I | N              |  |
|                |   |   | N               |   |   | A              |   |                |   |                |   | A               |                |   |   |   |   |   | A              |  |
|                |   |   | C               |   |   | R              |   |                |   |                |   |                 |                |   |   |   |   |   | M              |  |
|                |   |   | E               |   |   |                |   |                |   |                |   |                 |                |   |   |   |   |   | O              |  |
|                |   |   |                 |   |   |                |   |                |   |                |   |                 |                |   |   |   |   |   | N              |  |
|                |   |   |                 |   |   |                |   |                |   |                |   |                 |                |   |   |   |   |   | D              |  |

**Conduct a button check after the break. Announce cumulative scores.**

**Begin the 5-point question round for 8<sup>th</sup> grade.**

- ECON** 1. Fill in the blank with the missing twelve-letter economics term from your glossary.  
The tendency of consumers to buy a generic drug rather than a brand name drug is called the \_\_\_\_\_ effect.

Answer: substitution

- MATH** 2. In the construction of a certain townhouse villa that consists of a clubhouse and individual housing units, 13 flat-plate solar collectors are installed on the rooftops, one for every two units and three for the clubhouse. How many individual units are in the villa?

Answer: 5

- SCI** 3. This is a two-part question.

Part 1: Identify the type of energy utilized in the villas in the last question.

Part 2: Classify this type of energy as nonrenewable or renewable.

Answer: Part 1: solar; Part 2: renewable

**For the next three questions answer direct tax or indirect tax to describe the situation.**

- ECON** 4. John Smith paid the IRS \$5,000 in income tax.

Answer: direct

- ECON** 5. Carol paid a 6% sales tax on the new shirt she bought at Belk's.

Answer: indirect

- ECON** 6. The Johnson siblings were assessed \$2,500 on their inheritance from their parents.

Answer: direct

- ECON** 7. In which one of the following four ways are commercial banks able to create money?

1. by printing money
2. by exchanging vault cash for reserves at the FED
3. by selling government bonds
- \*4. by making loans

- ECON** 8. Spell the eleven-letter economics term used for an organization that is a special corporation of buyers or sellers whose members pool their resources as a means of operating efficiently.

Answer: c-o-o-p-e-r-a-t-i-v-e

**The next two questions share information.**

**ECON** 9. Fill in the blank in the following sentence with the missing economics term:

A or an \_\_\_\_ is anything of value which is owned.

Answer: asset (Reader: Reread sentence with answer.)

**ENG** 10. Identify the independent clause in the definition given in the previous question.

Answer: An asset is anything of value

**End of 5-point question round for 8th grade.**

**Have the judges turn over their question sets. Announce the two-minute break during which coaches may make substitutions and discuss 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. Which one of the following four economic conditions benefits debtors and hurts consumers, workers and savers?

1. deflation
- \*2. inflation
3. disinflation
4. high interest

**MATH** 12. A tube of toothpaste contains 0.15% fluoride that is added to prevent tooth decay. If the tube contains 181 grams of toothpaste, how many grams of fluoride are in the tube?

Answer: 0.2715

**SS** 13. Match each of the four explorers to the country that financed his expedition.

| <u>Explorers</u>      | <u>Countries</u>   |
|-----------------------|--------------------|
| A. John Cabot         | 1. England         |
| B. Giovanni Verrazano | 2. The Netherlands |
| C. Ferdinand Magellan | 3. France          |
| D. Henry Hudson       | 4. Spain           |

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

**ECON** 14. Which one of the following four is an example of a protective tariff?

1. tax on theater tickets
2. sales tax on clothing
3. turnpike toll
- \*4. tax on imports

**SS** 15. Rearrange the following four sights of Revolutionary War battles from north to south:

Yorktown, Lexington, Saratoga, Camden

Answer: Saratoga, Lexington, Yorktown, Camden

**MATH** 16. The Carter family will reduce heating oil consumption by installing storm windows. They have offered their daughter \$10 for each window, and they owe her \$25 for spreading insulation in the attic. She wants to earn more than \$200. What is the least number of storm windows she must install?

Answer: 18

**ECON** 17. What twelve-letter economics term describes the savings in heating oil by the installation of storm windows by the Carter family?

Answer: conservation (Note: Conservation is the wise use of natural resources.)

**SCI** 18. Name the colors of radiation in the spectrum of visible light from the strongest to the weakest.

Answer: violet, indigo, blue, green, yellow, orange, red

**ENG** 19. Match each of the four French phrases to its meaning.

| <u>Phrases</u>   | <u>Meanings</u>                         |
|------------------|---|
| A. faux pas      | 1. full discretionary power             |
| B. coup d'état   | 2. something overly familiar            |
| C. carte blanche | 3. a social blunder                     |
| D. déjà vu       | 4. overthrow of a government by a group |

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

**ECON** 20. Identify respectively the following four properties as private or public.

1. Fantasy of Flight
2. the Polk Theater
3. Polk Community College
4. Lakeland Regional Medical Center

Answer: private, private, public, private

**End of 10-point question round for 8th grade.**

**Have the judges turn over their question sets. Announce the two-minute break during which coaches may make substitutions and discuss 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. Word scramble. Unscramble the following four words to form a saying that expresses the American colonists feelings about the Stamp Act.

without, no, representation, taxation

Answer: No taxation without representation.

**ECON** 22. Which one of the following four does not represent a barrier to entry into a market?

- \* 1. anti-trust legislation
- 2. government franchises
- 3. patent laws
- 4. import quotas

**MATH** 23. Which one of the following two numbers expressed in scientific notation has the greater value?

$1.9 \times 10^{-3}$  or  $1.95 \times 10^{-3}$

Answer:  $1.95 \times 10^{-3}$

**SS** 24. This is a two-part question.

Part 1: Name the consumer advocate who ran for President in 2000.

Part 2: Identify this candidate's political party.

Answer: Ralph Nader; Green Party

**ENG** 25. Match each of the four literary terms to its definition.

| <u>Literary Terms</u>                                       | <u>Definitions</u>  |
|---|---|
| A. personification  | 1. Sound words  |
| B. onomatopoeia<br>(on-ah- <b>maht</b> -ah- <b>pee</b> -ah) | 2. human characteristics given to animals, abstract ideas or inanimate objects                |
| C. malapropism  | 3. contradictory terms combined in a single expression  |
| D. oxymoron   | 4. comic substitution of one word for another similar in sound but quite different in meaning |

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

- ECON** 26. Identify respectively the following four scenarios dealing with unemployment as frictional, structural, cyclical or seasonal.
1. Millie reenters the labor force after having a child and is unable to locate suitable work.
  2. Harold is an auto worker from Detroit who has been laid off because of the recent sharp decline in GDP.
  3. Sandy and her family find themselves unemployed after picking the last of the strawberries for the year.
  4. Wesley finds he can no longer get work in the coal mines because of new automated mining techniques.

Answer: frictional, cyclical, seasonal, structural

- ECON** 27. Which one of the following four actions would most likely contribute to inflation?
1. a rise in federal income taxes
  - \* 2. an increase in government spending
  3. a decrease in spending by business
  4. a decrease in spending by individuals

- ENG** 28. Identify the following sentence as simple, compound, complex or compound-complex:

Most musicians are ordinary people, but they have a talent that is very special.

Answer: compound-complex

- ECON** 29. Spell the two-word term from your glossary that completes the following definition:

\_\_\_\_\_ is a policy which calls for nonintervention by the government in business or economic activities and in French means “let do” or “allow to act.”

Answer: l-a-i-s-s-e-z f-a-i-r-e

**For the next question you will need this information. One general scientific principal is  $t$  is the time in seconds between the flash of lightning and the sound of the thunder. The equation  $d = (1/5)t$  gives the distance,  $d$ , in miles from the lightning flash.**

- MATH** 30. How many miles is a person away from the lightning if she hears the thunder 15 seconds after she sees the flash?

Answer: 3

**End of the 15-point round for the 8th grade.**

**It is time for the 30-point team question entitled “2001: A Space Odyssey.”**

**For this team question you will be given Handout 8-1-1. 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 3 points.**

**You will be given 3 minutes to complete the handouts. You are to identify one handout as your team answer sheet by writing your team number in the upper left-hand corner. This is the one handout 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.)**

**Read answers: (3 points each)**

**ACROSS:**

- 5. PLUTO**
- 6. NEIL ARMSTRONG**
- 9. SALLY RIDE**
- 10. ENDEAVOR**

**DOWN:**

- 1. SPUTNIK**
- 2. GALILEO**
- 3. CHARIOT**
- 4. MIR**
- 6. NASA**
- 7. ICARUS**

**Announce scores from team questions. *Ask if any team has a question concerning the scoring.***

**Teams should remain seated until final scores are computed.**

**(If first-place 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 the tie-breaker question round.**

**Conduct a button check.**

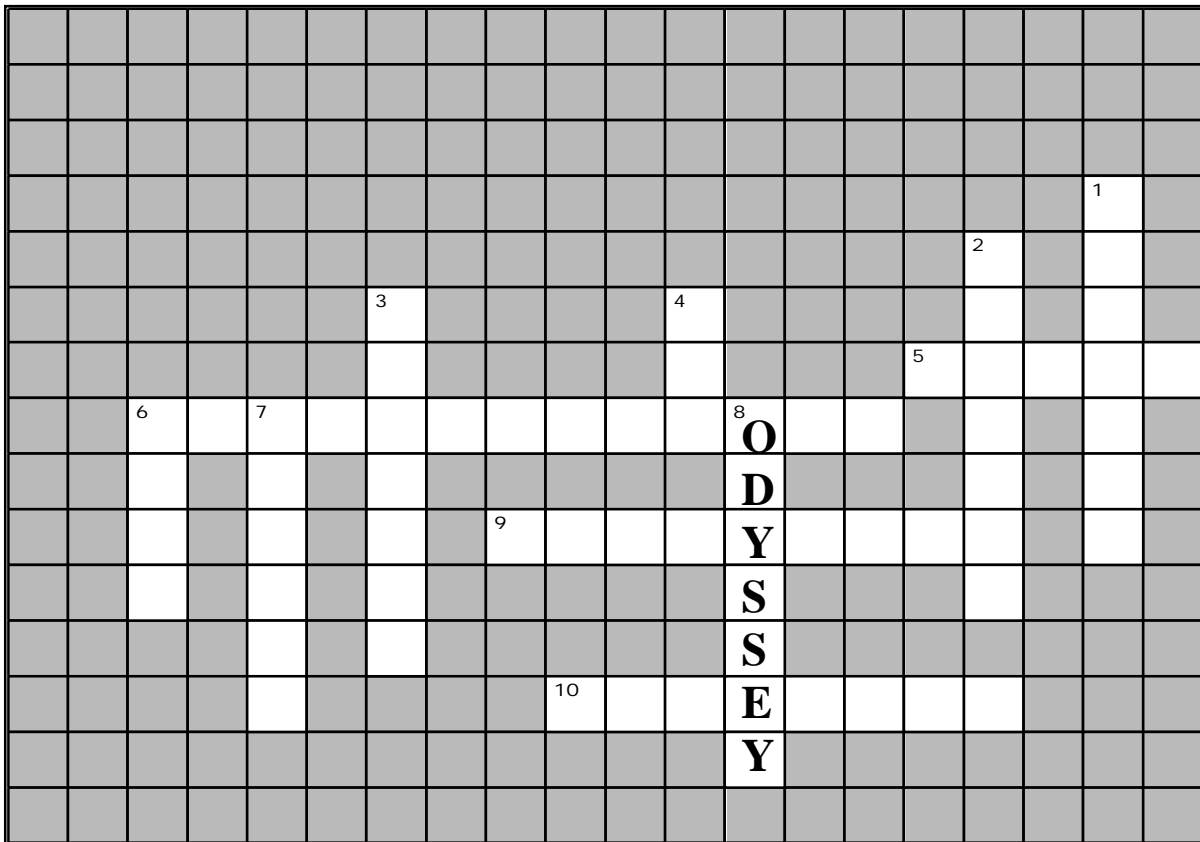
**One point is awarded to the team for a correct answer, or one point is subtracted for an incorrect answer.**

**SEND SCORE SHEETS TO PEGGY IMMEDIATELY UNPON COMPLETION!!**

**Handout 8-1-1**

Team # \_\_\_\_\_

**2001: A SPACE ODYSSEY**



**Across**

- 5 the smallest and, usually, the outermost planet of our solar system
- 6 first man to walk on the moon (two words)
- 9 first American woman in space (two words)
- 10 space shuttle that takes its name from the word meaning to make an earnest attempt

**Down**

- 1 the Russian satellite that triggered the space race
- 2 Italian scientist who stated that the sun, not the earth, was the center of the solar system
- 3 vehicle used by Apollo to lead the sun across the sky daily
- 4 acronym for the cooperative space station
- 6 federal agency that oversees the space program
- 7 He met his demise by flying too close to the sun.
- 8 The Greek hero, Odysseus, had an \_\_\_\_ that lasted 10 years.

