MATH in JEOPA

Welcome to *MATH in Jeopardy!* I'm your host, Smart-Alec Treblecch. Yes, I was unsuccessful in my campaign running for U.S. President, getting only 12 votes nationwide. It's OK; this is a pretty good job too. I get to present categories such as: Number Theory, Pre-Algebra, Computation, Statistics, and Fractions. But Mr. Obama, if you need someone to run the U.S. Department of Game Shows, you know who to call!

–by Dale Beltzner

WHAT TO DO

- ✔ Fill in the circle next to each correct question.
- ✔ After you've completed every question on the board, check your solutions against those listed on page 3.
- ✔ Add up the dollar values of each correct question to find out how much fake money you won!
- ✔ Check the "Ratings" box at the upper right of page 13 to see how well you did.

	NUMBER THEORY	PRE-ALGEBRA
$25	**ANSWER: PRIME NUMBERS** What is the word used to describe the set of numbers... Ⓐ {2, 3, 5, 7, 11}? Ⓑ {1, 3, 5, 7, 9}? Ⓒ {1, 2, 3, 5, 7}?	**ANSWER: EXPRESSION** What is the term for a... Ⓐ number sentence with an equal sign? Ⓑ group of numbers and symbols representing a value? Ⓒ number sentence with a < or > sign?
$50	**ANSWER: 64** What is the value of... Ⓐ 2^4? Ⓑ 3^3? Ⓒ 4^3?	**ANSWER: 82** What is the value of the expression... Ⓐ $8^2 + 6 \times 3$? Ⓑ $6 \times 7 + 5^2$? Ⓒ $2 \times 9^2 + 1$?
$75	**ANSWER: TENTHS** Which place value is 100 times greater than the... Ⓐ hundredths? Ⓑ thousandths? Ⓒ ten thousandths?	**ANSWER: ORDER OF OPERATIONS** What is the set of rules followed in solving the problem... Ⓐ $4^2 + 3 \times 2 - 1 = 21$? Ⓑ $4^2 + 3 \times 2 - 1 = 37$? Ⓒ $4^2 + 3 \times 2 - 1 = 19$?
$100	**ANSWER: 8,706** What is the value of... Ⓐ $(8 \times 10^3) + (7 \times 10^2) + (6 \times 10^0)$? Ⓑ $(8 \times 10^4) + (7 \times 10^3) + (6 \times 10^2)$? Ⓒ $(8 \times 10^3) + (7 \times 10^1) + (6 \times 10^0)$?	**ANSWER: COMMUTATIVE PROPERTY** What is the property shown by... Ⓐ $3 \times 2 \times 5 = 5 \times 3 \times 2$? Ⓑ $3 \times (2 \times 5) = (3 \times 2) \times 5$? Ⓒ $75 \times 9 = (70 \times 5) + (5 \times 9)$?

RDQ

RATINGS

$1,050 - $1,250
You've been elected President of Math! See you at the inauguration!

$850 - $1,025
Congratulations, you're Vice President!

$675 - $825
The President names you to the Cabinet.

$500 - $650
Study hard, and try again next election.

Below $500
The President makes you sit in a cabinet.

COMPUTATION	STATISTICS	FRACTIONS
ANSWER: 132 SQUARE FEET Using the formula *length* × *width* = *area* (in square units), what is the area of a room where... Ⓐ length = 14 ft and width = 8 ft? Ⓑ width = 16 ft and length = 17 ft? Ⓒ width = 11 ft and length = 12 ft?	**ANSWER: BAR GRAPH** Which type of graph best shows... Ⓐ change over time? Ⓑ comparisons among different amounts? Ⓒ amounts as parts of a whole?	**ANSWER: 1, 2, 3, 4, 6, 8, 12, 24** What are all the factors of... Ⓐ 24? Ⓑ 48? Ⓒ 2?
ANSWER: 2, 3, 5, 6, 9 Using divisibility rules, what numbers greater than 1 and less than 10 can be evenly divided into... Ⓐ 45? Ⓑ 90? Ⓒ 196?	**ANSWER: DOUBLE-LINE GRAPH** Which graph best compares the... Ⓐ number of items in two sets of objects? Ⓑ changes between two amounts over time? Ⓒ number of parts in a whole?	**ANSWER: $\frac{1}{3}$** What is the simplest form of... Ⓐ $\frac{16}{24}$? Ⓑ $\frac{3}{12}$? Ⓒ $\frac{17}{51}$?
ANSWER: 1 HOUR, 26 MINUTES What is the amount of time Linda played basketball if she started at 11:53 a.m. and ended at... Ⓐ 1:09 p.m.? Ⓑ 1:29 p.m.? Ⓒ 1:19 p.m.?	**ANSWER: SYMBOL** What is used to represent amounts on a... Ⓐ line graph? Ⓑ circle graph? Ⓒ pictograph?	**ANSWER: .03** As a decimal number, what is... Ⓐ $\frac{3}{10}$? Ⓑ $\frac{3}{100}$? Ⓒ $\frac{3}{1000}$?
ANSWER: 162.75 What is the product of... Ⓐ 18.5 × 7.5? Ⓑ 15.7 × 5.5? Ⓒ 17.5 × 9.3?	**ANSWER: 30 SECONDS PER LAP** What is the rate of a swimmer who swam... Ⓐ 10 laps in 300 seconds? Ⓑ 60 laps in 500 seconds? Ⓒ 80 laps in 240 seconds?	**ANSWER: $3\frac{1}{3}$** What is the mixed number form of... Ⓐ $\frac{6}{3}$? Ⓑ $\frac{10}{3}$? Ⓒ $\frac{4}{3}$?

ILLUSTRATION BY DAVE CLEGG

Copyright of Scholastic Math is the property of Scholastic Inc. and its content may not be copied or emailed to multiple sites or posted to a listserv without the copyright holder's express written permission. However, users may print, download, or email articles for individual use.