

The **GRE**[®]
revised
General Test

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GRE[®] revised General Test: Sample Questions

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Question Types in the Verbal Reasoning Measure

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Reading Comprehension

Multiple Choice — Select One Answer Choice

Policymakers must confront the dilemma that fossil fuels continue to be an indispensable source of energy even though burning them produces atmospheric accumulations of carbon dioxide that increase the likelihood of potentially disastrous global climate change. Currently, technology that would capture carbon dioxide emitted by power plants and sequester it harmlessly underground or undersea instead of releasing it into the atmosphere might double the cost of generating electricity. But because sequestration does not affect the cost of electricity transmission and distribution, delivered prices will rise less, by no more than 50 percent. Research into better technologies for capturing carbon dioxide will undoubtedly lead to lowered costs.

The passage implies which of the following about the current cost of generating electricity?

- A. It is higher than it would be if better technologies for capturing carbon dioxide were available.
- B. It is somewhat less than the cost of electricity transmission and distribution.
- C. It constitutes at most half of the delivered price of electricity.
- D. It is dwelt on by policymakers to the exclusion of other costs associated with electricity delivery.
- E. It is not fully recovered by the prices charged directly to electricity consumers.

Answer: **C**

Reading Comprehension

Multiple Choice — Select One or More Answer Choices

Policymakers must confront the dilemma that fossil fuels continue to be an indispensable source of energy even though burning them produces atmospheric accumulations of carbon dioxide that increase the likelihood of potentially disastrous global climate change. Currently, technology that would capture carbon dioxide emitted by power plants and sequester it harmlessly underground or undersea instead of releasing it into the atmosphere might double the cost of generating electricity. But because sequestration does not affect the cost of electricity transmission and distribution, delivered prices will rise less, by no more than 50 percent. Research into better technologies for capturing carbon dioxide will undoubtedly lead to lowered costs.

Consider each of the choices separately and select all that apply.

The passage suggests that extensive use of sequestration would, over time, have which of the following consequences?

- A. The burning of fossil fuels would eventually cease to produce atmospheric accumulations of carbon dioxide.
- B. The proportion of the delivered price of electricity due to generation would rise and then decline.
- C. Power plants would consume progressively lower quantities of fossil fuels.

Answer: **B**

Reading Comprehension

Select in Passage

Policymakers must confront the dilemma that fossil fuels continue to be an indispensable source of energy even though burning them produces atmospheric accumulations of carbon dioxide that increase the likelihood of potentially disastrous global climate change. Currently, technology that would capture carbon dioxide emitted by power plants and sequester it harmlessly underground or undersea instead of releasing it into the atmosphere might double the cost of generating electricity. **But because sequestration does not affect the cost of electricity transmission and distribution, delivered prices will rise less, by no more than 50 percent.** Research into better technologies for capturing carbon dioxide will undoubtedly lead to lowered costs.

Select the sentence that explains why an outcome of sequestration that might have been expected would not occur.

Answer: **See text in red.**

Text Completion

The author's (i)_____ style renders a fascinating subject, the role played by luck in everyday life, extraordinarily (ii)_____.

Blank (i)	Blank (ii)
soporific	pedantic
lucid	tedious
colloquial	opaque

Answer: **soporific** and **tedious**

Sentence Equivalence

Although it does contain some pioneering ideas, one would hardly characterize the work as _____.

- A. orthodox
- B. eccentric
- C. original
- D. trifling
- E. conventional
- F. innovative

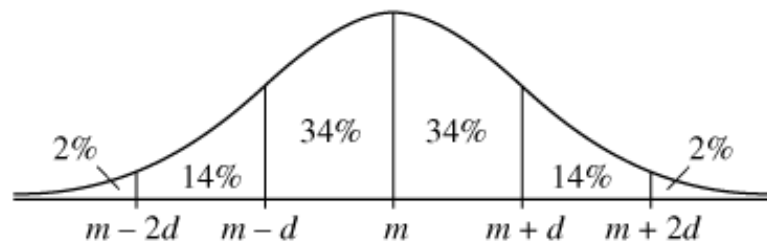
Answer: **C** and **F**

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Question Types in the Quantitative Reasoning Measure

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The figure shows a normal distribution with mean m and standard deviation d , including approximate percents of the distribution in each of the six regions shown.

For a population of 800,000 subway riders, the numbers of subway trips taken per rider last January are approximately normally distributed with a mean of 56 trips and a standard deviation of 13 trips. Approximately how many of the riders took between 30 and 43 trips last January?

Calculator					X
112,000.					
MR	MC	M+	()	
7	8	9	÷	C	
4	5	6	×	CE	
1	2	3	-	√	
±	0	.	+	=	
Transfer Display					

- 60,000
- 110,000
- 160,000
- 210,000
- 270,000

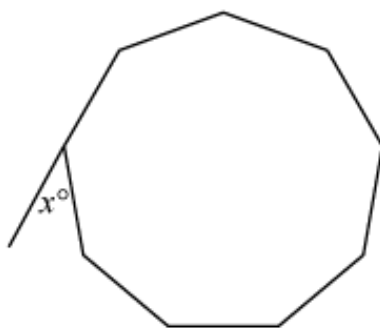
Answer: **110,000**

The function f is defined for all numbers x by $f(x) = x^2 + x$. If t is a number such that $f(2t) = 30$, which two of the following could be the number t ?

Indicate two such numbers.

- -5 -3 $-\frac{1}{2}$ 2 $\frac{5}{2}$

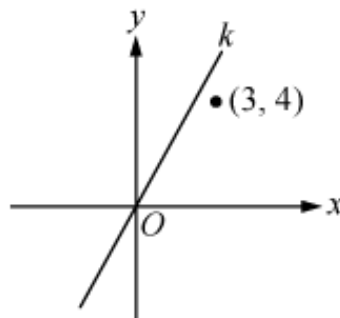
Answer: -3 and $\frac{5}{2}$



The figure shows a regular 9-sided polygon. What is the value of x ?

$$x = \boxed{}$$

Answer: 40



Quantity A

The slope of line k

Quantity B

1

- Quantity A is greater.
- Quantity B is greater.
- The two quantities are equal.
- The relationship cannot be determined from the information given.

Answer: **Quantity A is greater.**

$$np < 0$$

Quantity A

$$|p + n|$$

Quantity B

$$|p| + |n|$$

- Quantity A is greater.
- Quantity B is greater.
- The two quantities are equal.
- The relationship cannot be determined from the information given.

Answer: Quantity B is greater.

Questions 9- 11 are based on the following data.

ANNUAL PERCENT CHANGE IN DOLLAR AMOUNT OF SALES
AT FIVE RETAIL STORES FROM 2006 TO 2008

Store	Percent Change	
	From 2006 to 2007	From 2007 to 2008
<i>P</i>	+10	-10
<i>Q</i>	-20	+9
<i>R</i>	+5	+12
<i>S</i>	-7	-15
<i>T</i>	+17	-8

Calculator X

792,000.

MR	MC	M+	()
7	8	9	÷	C
4	5	6	×	CE
1	2	3	-	√
±	0	.	+	=

Transfer Display

If the dollar amount of sales at Store *P* was \$800,000 for 2006, what was the dollar amount of sales at that store for 2008?

- \$727,200
- \$792,000
- \$800,000
- \$880,000
- \$968,000

Answer: \$792,000

Click on your choice.

Questions 9–11 are based on the following data.

ANNUAL PERCENT CHANGE IN DOLLAR AMOUNT OF SALES
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<i>T</i>	+17	–8

Which of the following statements must be true?

Indicate all such statements.

- For 2008 the dollar amount of sales at Store *R* was greater than that at each of the other four stores.
- The dollar amount of sales at Store *S* for 2008 was 22 percent less than that for 2006.
- The dollar amount of sales at Store *R* for 2008 was more than 17 percent greater than that for 2006.

Answer: **The dollar amount of sales at Store *R* for 2008 was more than 17 percent greater than that for 2006.**

Click on your choice(s).

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Task Types in the Analytical Writing Measure

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Analyze an Issue Task

“As people rely more and more on technology to solve problems, the ability of humans to think for themselves will surely deteriorate.”

Discuss the extent to which you agree or disagree with the statement above and explain your reasoning for the position you take. In developing and supporting your position, you should consider ways in which the statement might or might not hold true and explain how those considerations shape your position.

Analyze an Argument Task

"In surveys Mason City residents rank water sports (swimming, boating, and fishing) among their favorite recreational activities. The Mason River flowing through the city is rarely used for these pursuits, however, and the city park department devotes little of its budget to maintaining riverside recreational facilities. For years there have been complaints from residents about the quality of the river's water and the river's smell. In response, the state has recently announced plans to clean up Mason River. Use of the river for water sports is, therefore, sure to increase. The city government should for that reason devote more money in this year's budget to riverside recreational facilities."

Write a response in which you examine the stated and/or unstated assumptions of the argument. Be sure to explain how the argument depends on these assumptions and what the implications are if the assumptions prove unwarranted.