

New Quantitative Question Type Added to Computer-Based GRE General Test in November 2007

Numeric Entry

Numeric Entry – Type a Number

Questions of this type ask you to enter your answer either as a number in a single answer box or as a fraction in two separate boxes — one for the numerator and one for the denominator — using the computer mouse and keyboard.

Directions

For a single answer box, type a number in the answer box using the keyboard.

- First, click on the answer box — a cursor will appear in the box — and then type a number.
- To erase a number, use the Backspace key.
- For a negative sign, type a hyphen. For a decimal point, type a period.
- To remove a negative sign, type the hyphen again and it will disappear; the number will remain.
- Round your answer if a question so indicates; otherwise, enter the exact answer.

For a fraction, type the numerator and the denominator in their respective boxes.

- For a negative sign, type a hyphen. A decimal point **cannot** be used in a fraction.
- Fractions do **not** need to be reduced to lowest terms.

Strategies

- Make sure you answer the question that is asked. Since there are no answer choices to guide you, read the question carefully and make sure to provide the type of answer required. Sometimes there will be labels before or after the answer box to indicate the appropriate type of answer. Pay special attention to units such as feet or miles, to orders of magnitude such as millions or billions, and to percents as compared to decimals.
- If you are asked to round your answer, make sure to round to the required degree of accuracy. For example, if an answer of 46.7 is to be rounded to the nearest integer, you need to enter the number 47. If no rounding instructions are given, enter the exact answer. If your solution strategy involves intermediate computations, you should carry out all computations exactly and round only your final answer in order to get the required degree of accuracy.
- Check your answer and make sure it is reasonable with respect to the information given. You may want to use estimation or another solution path to double-check your answer.

Sample Questions

1. The total amount of Judy's water bill for the last quarter of the year was \$40.50. The bill consisted of a fixed charge of \$13.50, plus a charge of \$0.0075 per gallon for the water used in the quarter. For how many gallons of water was Judy charged for the quarter?

gallons

Click on the answer box and type in a number. Backspace to erase.

2. A merchant made a profit of \$5 on the sale of a sweater that cost the merchant \$18. What is the profit expressed as a percent of the merchant's cost?

Give your answer to the nearest tenth of a percent.

%

Click on the answer box and type in a number. Backspace to erase.

3. Of the 20 lightbulbs in a box, 2 are defective. An inspector will select 2 lightbulbs simultaneously and at random from the box. What is the probability that neither of the lightbulbs selected will be one that is defective?

Give your answer as a fraction.

Click on each box and type in a number. Backspace to erase.

4. The functions f and g are defined by $f(x) = |2x + 1|$ and $g(x) = 3$ for all numbers x . What is the least value of c for which $f(c) = g(c)$?

$c =$

Click on the answer box and type in a number. Backspace to erase.

Answer Key:

Sample Question	Correct Answer
1	3,600
2	27.8
3	153/190
4	-2