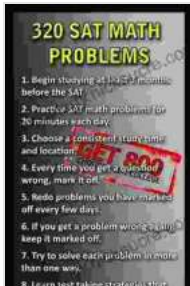


320 GRE Math Problems Arranged By Topic And Difficulty Level



320 GRE Math Problems arranged by Topic and Difficulty Level: 160 GRE Questions with Solutions, 160 Additional Questions with Answers by Steve Warner

★★★★☆ 4.8 out of 5

Language : English

File size : 18719 KB

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The GRE is a standardized test that is required for admission to graduate school in the United States. The GRE consists of three sections: Verbal Reasoning, Quantitative Reasoning, and Analytical Writing. The Quantitative Reasoning section of the GRE tests your math skills. It covers a wide range of topics, including arithmetic, algebra, geometry, and data analysis.

In this article, we will provide you with a comprehensive list of 320 GRE math problems arranged by topic and difficulty level. The problems cover all of the major topics tested on the GRE, and they are arranged in order of increasing difficulty. Each problem is accompanied by a detailed solution, so you can learn from your mistakes and improve your score.

Arithmetic

Arithmetic is the branch of mathematics that deals with the basic operations of addition, subtraction, multiplication, and division. The GRE arithmetic problems are typically straightforward, but they can be tricky if you are not careful. Here are a few examples of GRE arithmetic problems:

1. What is the sum of 123 and 456?
2. What is the difference between 987 and 654?
3. What is the product of 123 and 456?
4. What is the quotient of 987 divided by 654?

Algebra

Algebra is the branch of mathematics that deals with the use of variables to represent unknown quantities. The GRE algebra problems can be more challenging than the arithmetic problems, but they are still manageable if you have a good understanding of the basic concepts. Here are a few examples of GRE algebra problems:

1. Solve for x : $x + 5 = 10$
2. Solve for y : $2y - 3 = 7$
3. Solve for z : $3z + 4 = 13$
4. Solve for w : $4w - 5 = 11$

Geometry

Geometry is the branch of mathematics that deals with the properties of shapes. The GRE geometry problems can be challenging, but they are also very rewarding. Here are a few examples of GRE geometry problems:

1. What is the area of a circle with a radius of 5 cm?
2. What is the volume of a cube with a side length of 3 cm?
3. What is the surface area of a sphere with a radius of 4 cm?
4. What is the length of the hypotenuse of a right triangle with legs of length 3 cm and 4 cm?

Data Analysis

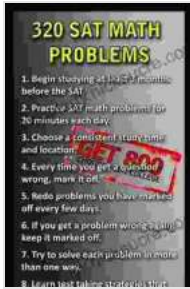
Data analysis is the branch of mathematics that deals with the collection, organization, and interpretation of data. The GRE data analysis problems can be challenging, but they are also very important. Here are a few examples of GRE data analysis problems:

1. What is the mean of the following data set: 1, 3, 5, 7, 9?
2. What is the median of the following data set: 1, 3, 5, 7, 9?
3. What is the mode of the following data set: 1, 3, 5, 7, 9?
4. What is the range of the following data set: 1, 3, 5, 7, 9?

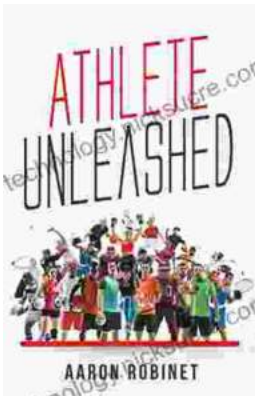
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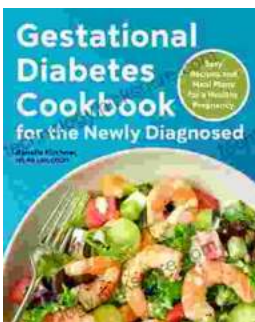


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