

What Is The Definition Of Proportion In Math

Proportion in Math: A Crucial Tool for Industry Success

Proportion, a fundamental concept in mathematics, underpins many critical decision-making processes in diverse industries. From designing efficient layouts in manufacturing plants to analyzing market trends and forecasting sales, understanding proportion allows businesses to optimize resource allocation, predict outcomes, and ultimately drive profitability. This delves into the definition of proportion, its various applications, and the profound impact it has on industrial success. **** Proportion, in essence, is a statement that two ratios are equal. It's a powerful tool for comparing quantities, identifying relationships, and making predictions. Imagine a recipe: if you double the amount of flour, you need to double the amount of sugar to maintain the same proportion and achieve the desired result. In the business world, this principle translates to achieving the right balance of resources, manpower, and output for optimal performance. What is the Definition of Proportion in Math? Mathematically, a proportion states that two ratios are equivalent. A ratio is a comparison of two quantities, often expressed as a fraction. For**

example, if a company produces 10 widgets for every 5 units of raw material, the ratio is $10/5 = 2$. If this ratio remains consistent, then 20 widgets require 10 units of raw material – a proportion is established.

Types of Proportions:

- Direct Proportion: *In direct proportion, as one quantity increases, the other quantity increases proportionally, and vice versa. Example: The more hours worked, the higher the salary.*
 - Inverse Proportion: *Inverse proportion describes a relationship where one quantity increases as the other decreases, and vice versa. Example: The speed at which a journey is undertaken affects the time taken (faster speed, less time).*
 - Part-to-Whole Proportion: **This type is used to determine a specific proportion of a whole. Example: If 60% of a company's budget is allocated to marketing, then the marketing budget is in proportion to the total budget.**
- Advantages of Utilizing Proportions in Industry:
- Improved Efficiency and Resource Allocation: *By understanding the proportion between inputs and outputs, businesses can optimize resource utilization and minimize waste.*
 - Accurate Forecasting and Planning: **Proportions help in predicting future demand and supply, enabling companies to plan effectively for production, marketing, and inventory management.**
 - Precise Scaling and Design: *In manufacturing and engineering, proportions are essential for creating accurate blueprints, scaling models, and ensuring product consistency.*
 - Analysis of Market Trends: **Understanding the proportion of market segments and**

their growth rates enables businesses to tailor their marketing strategies effectively. • Risk Assessment and Mitigation: **Proportions can help identify potential risks associated with different business decisions by calculating the likelihood and impact of various scenarios.** Applications of Proportions in Various Industries:

Manufacturing and Production:

A furniture manufacturer needs to ensure consistent product quality. A proportion of defects in the production process, measured against the total units produced, can be used to flag potential problems and trigger corrective actions. Imagine a scenario where the proportion of defective chairs rises from 1% to 3%. This might signal a need for retraining workers, equipment maintenance, or material quality inspection.

Retail and Sales:

Retailers use proportions to analyze sales data. The proportion of sales from different product categories can highlight emerging trends. For instance, if the proportion of online sales consistently increases, this suggests the need to optimize the company's online platform and marketing strategies.

Finance and Investment:

Investors frequently use proportional analyses to evaluate portfolio performance and make informed investment decisions.

The proportion of different asset classes within an investment portfolio significantly impacts its overall return and risk profile.

Marketing and Advertising:

Proportional allocation of advertising budgets across different marketing channels allows companies to optimize their return on investment (ROI). For example, if the proportion of leads generated from social media advertisements grows, the marketing team can allocate more budget to social media marketing. **Case Studies: Case Study 1:**

(Manufacturing) A car manufacturer noticed a rising proportion of defective engines in a particular production line. Using proportional analysis, they identified the source of the problem as a faulty component supplier, reducing production downtime and improving quality. Case Study 2: (Retail)

An online retailer experienced a significant increase in customer returns. Proportional analysis revealed that a specific product category had a substantially higher return rate. The retailer addressed the issue by improving

product descriptions and offering better customer support, thereby reducing returns and improving customer satisfaction. (Insert a chart here illustrating, for example, the proportion of sales from different product categories over a period.)_Conclusion: Proportion is a foundational concept with vast applications across various industries. Understanding the different types of proportions and their implications is critical for informed decision-making and optimized outcomes. From resource allocation to forecasting, analyzing market trends to mitigating risks, businesses can leverage proportional thinking to maximize efficiency, profitability, and competitiveness. Key Insights: • Proportions allow for accurate comparisons and predictions. • Understanding proportional relationships facilitates

optimization. • Businesses using proportions effectively can anticipate and react to change proactively. Advanced

FAQs: 1. How do proportions differ from percentages in practical applications?

While both deal with parts of a whole, percentages are inherently tied to the concept of 'per 100,' while proportions can represent any ratio. 2. How can

proportions be utilized to analyze complex datasets in modern business analytics?

Sophisticated statistical methods combine proportions with other data points to identify intricate relationships and make informed conclusions. 3. What are the

limitations of relying solely on proportional analysis when making business decisions?

Proportional analysis can be affected by external factors, making it only a piece of the larger puzzle when planning for business strategy. 4. How can proportions

be applied to pricing strategies in different market segments? The proportion of perceived value to price can vary greatly depending on market segment characteristics, impacting pricing decisions. 5. How does the concept of proportional representation influence the design of effective marketing campaigns?*
In a multi-segment marketing strategy, understanding proportional representation helps in ensuring proper distribution of marketing resources. By embracing the power of proportions, businesses can navigate complex challenges, seize new opportunities, and achieve long-term success in the dynamic world of commerce.

What is the Definition of Proportion in Math? Unpacking the Relationship

Ever looked at a recipe and doubled it, or admired a perfectly scaled-down model of a building? You've witnessed proportion in

action! In mathematics, proportion is a fundamental concept that helps us understand relationships between quantities. It's more than just a fancy word; it's a cornerstone of many calculations and applications, from everyday tasks to complex scientific endeavors. So, what exactly is the definition of proportion in math? Let's dive in and explore this fascinating concept.

Breaking Down the Basics: Ratios and Equality

At its core, a proportion is an equation stating that two ratios are equal. But before we get to that, let's clarify what a ratio is.

Understanding Ratios

A **ratio** is a comparison of two quantities. It tells us how much of one thing there is compared to another. We can express ratios in a few ways:

- Using a colon:** For example, a 2:1 ratio of flour to sugar means for every 2 parts of flour, there's 1 part of sugar.
- Using the word "to":** This is similar to the colon notation, so "2 to 1."
- As a fraction:** The 2:1 ratio of flour to sugar can be written as $\frac{2}{1}$. This fractional form is particularly useful when we talk about proportions. Ratios are all around us. Think about the recommended serving size on a food package, the student-to-teacher ratio in a classroom, or the ingredients listed on a product. These are all examples of comparisons expressed as ratios.

The Equality of Ratios: The Heart of Proportion

Now, a **proportion** is born when we state that two of these ratios are equivalent. In mathematical terms, it's an equation that equates two ratios. Let's say we have one ratio, $\frac{a}{b}$, and another ratio, $\frac{c}{d}$. If these two ratios represent the same relationship between quantities, then they are equal, and we can write this equality as: $\frac{a}{b} = \frac{c}{d}$. This equation is a proportion. It signifies that the relationship between 'a' and 'b' is the same as the relationship between 'c' and 'd'.

Why is Proportion Important? Applications Galore!

The concept of proportion isn't just an abstract mathematical idea; it has practical applications in countless fields. Understanding proportions allows us to scale things up or down accurately, make predictions, and solve problems involving equal relationships.

Scaling and Measurement

One of the most common uses of proportions is in scaling. When you look at a map, the distance on the map is in proportion to the actual distance on the ground. A map scale might say 1 inch = 10 miles. If two cities are 3 inches apart on the map, you can use proportion to find the actual distance: $\frac{1 \text{ inch}}{10 \text{ miles}} = \frac{3 \text{ inches}}{x \text{ miles}}$

miles}}\$ Solving for x , we find $x = 30$ miles. This is a direct application of proportions in measurement. Architectural models and blueprints also rely heavily on proportions. A scale model of a house maintains the same proportional relationships as the actual building, allowing builders and clients to visualize the final structure accurately.

Cooking and Baking

As mentioned earlier, recipes are a prime example of proportions. If a recipe for 12 cookies calls for 2 cups of flour and 1 cup of sugar, and you want to make 24 cookies (double the recipe), you need to double the ingredients proportionally: 4 cups of flour and 2 cups of sugar. The ratio of flour to sugar remains the same (2:1). Conversely, if you only have enough ingredients for 6 cookies, you'd halve the quantities. This ability to adjust recipes while maintaining the correct balance of ingredients is all thanks to understanding proportions.

Similar Triangles and Geometry

In geometry, the concept of similar figures is intrinsically linked to proportions. Similar triangles, for instance, are triangles that have the same shape but different sizes. This means their corresponding angles are equal, and crucially, the ratios of their corresponding side lengths are equal. If triangle ABC is similar to triangle XYZ, then: $\frac{AB}{XY} = \frac{BC}{YZ} = \frac{AC}{XZ}$ This property allows us to find unknown side lengths in similar triangles if we know some of the other lengths. This is incredibly useful in trigonometry, surveying, and even in

computer graphics.

Financial Calculations

Proportions are also vital in finance. When calculating interest, discounts, or commissions, we often use proportional relationships. For example, if a store offers a 20% discount, it means the sale price is proportional to the original price. If the original price is \$100, the discount is 20% of \$100, which is \$20. The sale price would be \$80. The ratio of the discount to the original price ($20/100$) is equal to the ratio of the sale price to the original price ($80/100$).

Solving Proportions: The Cross-Multiplication Method

When you encounter a proportion, you'll often need to solve for an unknown value. The most common and straightforward method for solving proportions is **cross-multiplication**. Let's revisit our proportion: $\frac{a}{b} = \frac{c}{d}$. Cross-multiplication involves multiplying the numerator of the first fraction by the denominator of the second fraction and setting it equal to the product of the denominator of the first fraction and the numerator of the second fraction. So, for $\frac{a}{b} = \frac{c}{d}$, the cross-multiplication yields: $a \times d = b \times c$. This method is incredibly powerful because it transforms the proportion into a simple linear equation that's usually easy to solve for the unknown variable.

Example: Finding the Unknown

Suppose we have the proportion: $\frac{3}{5} = \frac{x}{15}$
Using cross-multiplication: $3 \times 15 = 5 \times x$ $45 = 5x$
To solve for x , we divide both sides by 5: $x = \frac{45}{5}$
 $x = 9$ So, the proportion is $\frac{3}{5} = \frac{9}{15}$. We can check this: 3 divided by 5 is 0.6, and 9 divided by 15 is also 0.6. The ratios are indeed equal.

Direct vs. Inverse Proportions: A Subtle Distinction

While the fundamental definition of proportion involves equal ratios, it's important to recognize that the relationship between the quantities can be of two types: direct or inverse.

Direct Proportion

In a **direct proportion**, as one quantity increases, the other quantity increases at the same rate, and as one decreases, the other decreases at the same rate. This is what we've primarily been discussing. If y is directly proportional to x , then their ratio is constant: $\frac{y}{x} = k$ (where k is the constant of proportionality) This can also be written as $y = kx$. Think about buying apples. The more apples you buy, the more you pay. The cost is directly proportional to the number of apples.

Inverse Proportion

In an **inverse proportion**, as one quantity increases, the other

quantity decreases at a corresponding rate, and vice versa. If y is inversely proportional to x , then their product is constant: $y \times x = k$ (where k is the constant of proportionality) This can also be written as $y = \frac{k}{x}$. Consider a group of people painting a house. If you add more people to the job (increase the quantity of workers), the time it takes to paint the house will decrease (decrease the quantity of time). The number of workers and the time taken are inversely proportional. While the definition of proportion itself focuses on the equality of ratios, understanding whether the relationship is direct or inverse is crucial for setting up the correct proportional equation.

The Language of Proportions: Terms and Concepts

When working with proportions, you'll often hear specific terminology. Understanding these terms will help you grasp the concept more fully.

Terms: In a proportion like $\frac{a}{b} = \frac{c}{d}$, the numbers a , b , c , and d are called the **terms** of the proportion.

Extremes: The first and last terms (a and d) are called the **extremes**.

Means: The two middle terms (b and c) are called the **means**. The cross-multiplication rule can be stated in terms of extremes and means: In a proportion, the product of the extremes is equal to the product of the means. This is a handy way to remember the rule!

Beyond the Basics: Proportional Reasoning

Proportional reasoning is a higher-level cognitive skill that goes beyond simply solving individual proportions. It involves the ability to understand and apply proportional relationships in various contexts and to reason about how changes in one quantity affect another. This skill is developed through consistent practice and exposure to different types of proportional problems. Developing strong proportional reasoning skills is essential for success in higher-level mathematics, science, and many real-world professions. It allows individuals to think critically about scaling, comparisons, and relationships between quantities.

In Conclusion: Proportion is Everywhere!

So, what is the definition of proportion in math? Simply put, it's the equality of two ratios. But its significance stretches far beyond this concise definition. Proportions are the mathematical language of comparison, scaling, and balance. They are the invisible threads that connect seemingly unrelated quantities, allowing us to understand and manipulate the world around us with precision. From the smallest ingredient adjustment in a recipe to the grandest architectural designs, proportions are fundamental to how we measure, build, and comprehend our universe. By understanding the definition and applications of proportion, you unlock a powerful tool for problem-solving and a deeper appreciation for the mathematical underpinnings of everyday life. Keep an eye out, and you'll find proportions

everywhere you look!

Understanding the Concept of Proportion in Mathematics

Proportion in mathematics refers to a precise relationship between two or more quantities, expressed as a ratio that indicates how much one value stands in relation to another. At its core, a proportion asserts that two ratios are equal, establishing a balance or equivalence between parts of a whole or between different entities. This foundational concept underpins much of mathematical reasoning, enabling clear comparisons and predictable relationships across diverse applications.

The Mathematical Foundation of Proportion

Mathematically, a proportion is defined by the statement that two fractions are equal, such as $a/b = c/d$, where b and d are non-zero values. This equality expresses that the ratio of a to b matches the ratio of c to d , revealing a consistent scaling factor between the quantities. For example, if a recipe calls for flour and water in a 4:1 proportion, it means four parts of flour are combined with one part of water, maintaining a fixed relationship regardless of the total amount prepared. Proportions can also emerge in geometric contexts, such as when corresponding

sides of similar triangles maintain proportionality, preserving shape while scaling size.

Real-World Applications and Practical Significance

The concept of proportion extends far beyond abstract equations, playing a vital role in everyday life and professional fields. In architecture and engineering, proportions ensure structural integrity and aesthetic harmony, guiding designers in scaling models to full-size constructions. In finance, proportions are essential for calculating interest rates, risk ratios, and investment returns, helping individuals and institutions make informed decisions. In cooking and chemistry, precise proportions guarantee consistent results, whether adjusting ingredient quantities or formulating solutions. Even in art and design, proportional relationships contribute to visual balance and composition, enhancing both function and beauty.

The Broader Benefits of Proportion in Learning and Problem Solving

Understanding proportion fosters critical thinking and logical reasoning, equipping learners with tools to analyze complex relationships and solve problems efficiently. It serves as a gateway to more advanced mathematical topics such as algebra, geometry, and trigonometry, where proportional reasoning supports equations and proofs. In science and technology,

proportion underpins modeling and simulation, enabling accurate predictions and data interpretation. As education evolves, emphasizing proportional thinking helps students develop quantitative literacy—a key skill in a data-driven world.

The Future of Proportion in Mathematics and Beyond

As mathematics continues to advance, the role of proportion remains indispensable, adapting to emerging fields like data science, artificial intelligence, and computational modeling. In these domains, proportional relationships power algorithms that process vast datasets, detect patterns, and drive automation. The growing emphasis on interdisciplinary learning also highlights proportion's versatility, as students and professionals across disciplines apply proportional reasoning to solve real-world challenges. Looking ahead, proportion will continue to be a foundational concept, linking mathematical theory with practical innovation and shaping how future generations understand and manipulate the quantitative world around them.

Understanding Proportion in Mathematics: A Deep Dive into Ratios and Relationships

In the vast and interconnected world of mathematics, certain fundamental concepts form the bedrock upon which more

complex ideas are built. Among these essential building blocks, **proportion** stands out as a crucial element, permeating various branches of mathematics and finding practical applications in countless real-world scenarios. But what exactly is the definition of proportion in math? This article aims to demystify this concept, providing a comprehensive, analytical, and SEO-friendly exploration of its meaning, properties, and significance.

At its core, a proportion is a statement of equality between two ratios. To truly grasp the definition of proportion, it's imperative to first understand what a ratio is. A **ratio** is a comparison of two quantities, often expressed as a fraction, colon, or using the word "to." For instance, a ratio of 2 to 3 can be written as $\frac{2}{3}$, 2:3, or "2 to 3." This signifies that for every 2 units of the first quantity, there are 3 units of the second quantity. Ratios are fundamental for understanding relative quantities and can represent relationships like speed (distance to time), ingredients in a recipe (flour to sugar), or the composition of a mixture.

Defining Proportion: The Equality of Ratios

With a solid understanding of ratios, we can now definitively state the **definition of proportion in math**. A proportion is an equation that states that two ratios are equivalent or equal. If we have two ratios, a/b and c/d , they are in proportion if:

$$a/b = c/d$$

This equality means that the relationship between 'a' and 'b' is the same as the relationship between 'c' and 'd.' For example, if

the ratio of boys to girls in one classroom is 2:3, and the ratio of boys to girls in another classroom is 4:6, these two ratios are in proportion because $\frac{2}{3} = \frac{4}{6}$. Both represent a situation where for every 2 boys, there are 3 girls.

Key Terminology Associated with Proportions

Understanding the definition of proportion also involves familiarizing ourselves with its specific terminology:

1. **Terms:** In a proportion like $a/b = c/d$, the numbers a , b , c , and d are called the terms of the proportion.
2. **Extremes:** The outermost terms of the proportion (a and d) are called the extremes.
3. **Means:** The innermost terms of the proportion (b and c) are called the means.

The Cross-Product Property: A Powerful Tool for Proportions

One of the most significant properties derived from the definition of proportion is the **cross-product property**. This property states that in any proportion, the product of the extremes is equal to the product of the means. For our general proportion $a/b = c/d$, this translates to:

$$a * d = b * c$$

This property is invaluable for several reasons:

1. **Verifying Proportions:** It provides a simple and efficient way to check if two given ratios actually form a proportion. If the cross-products are equal, the ratios are in proportion; if they are not, they are not.
2. **Solving for Unknowns:** When one of the terms in a proportion is unknown, the cross-product property allows us to set up and solve an algebraic equation to find its value. This is a cornerstone of solving **proportional relationships**.

Direct Proportion vs. Inverse Proportion: Different Facets of Proportionality

While the fundamental definition of proportion deals with the equality of ratios, it's important to distinguish between two primary types of proportional relationships: direct proportion and inverse proportion.

Direct Proportion: Quantities Moving in Tandem

A **direct proportion** exists between two quantities when they change in the same direction at the same rate. If one quantity increases, the other increases proportionally, and if one decreases, the other decreases proportionally. Mathematically, if 'y' is directly proportional to 'x,' it can be expressed as:

$$y = kx$$

where 'k' is the constant of proportionality. This can also be represented as a proportion:

$$y_1/x_1 = y_2/x_2$$

This form directly links to our definition of proportion, emphasizing that the ratio between the two quantities remains constant. Examples of direct proportion are abundant: the cost of apples is directly proportional to the number of apples you buy; the distance traveled by a car at a constant speed is directly proportional to the time it travels.

Inverse Proportion: Quantities Moving in Opposite Directions

In contrast, an **inverse proportion** (also known as inverse variation or indirect proportion) exists when two quantities change in opposite directions at the same rate. If one quantity increases, the other decreases proportionally, and vice versa. Mathematically, if 'y' is inversely proportional to 'x,' it can be expressed as:

$$y = k/x$$

or equivalently:

$$xy = k$$

where 'k' is the constant of variation. While not a direct equality of two ratios in the same form as direct proportion, the concept of proportionality is still central. An example of inverse proportion is the relationship between the speed of a vehicle and the time it takes to cover a fixed distance. If you double your speed, you halve the time it takes to reach your destination. The product of speed and time remains constant (representing the distance).

The Importance and Applications of Proportions

The definition of proportion is not merely an abstract mathematical concept; it is a foundational tool with widespread practical applications across numerous fields:

1. Scaling and Measurement:

Proportions are essential for resizing objects, maps, and models. When you see a map, the scale (e.g., 1 inch = 10 miles) is a direct application of proportion. It allows us to translate distances on the map to actual distances on the ground. Architects and engineers use proportions to create scaled drawings and models, ensuring that buildings and structures are built to the correct specifications. This involves understanding **scale factor** and maintaining the integrity of original designs.

2. Recipes and Cooking:

Anyone who has followed a recipe has implicitly used proportions. Doubling a recipe requires doubling all ingredients to maintain the original taste and texture. If a recipe calls for 2 cups of flour and 1 cup of sugar for a certain number of servings, and you want to make twice as many servings, you'll need 4 cups of flour and 2 cups of sugar. This ensures the **ratio of ingredients** remains constant.

3. Geometry and Similar Figures:

In geometry, the concept of **similar figures** is entirely based on proportion. Two figures are similar if they have the same shape but different sizes. This means their corresponding angles are equal, and the ratios of their corresponding side lengths are equal. For example, all equilateral triangles are similar, and the ratio of their side lengths will always be equal. Understanding proportions is key to solving problems involving similar triangles, rectangles, and other polygons. This involves concepts like **geometric similarity** and proportional sides.

4. Finance and Economics:

Proportions are used extensively in calculating percentages, interest rates, taxes, and currency conversions. A sales tax of 5% means that for every dollar spent, 5 cents are added. This is a proportion: $\$0.05/\1.00 . Economists use proportions to analyze economic data, such as the proportion of a country's GDP spent on healthcare or defense. **Financial ratios** are a direct manifestation of proportional relationships used to assess the health and performance of businesses.

5. Science and Engineering:

From chemistry to physics, proportions are fundamental. Chemical reactions often involve precise ratios of reactants. In physics, Ohm's Law ($V=IR$) describes a direct proportional relationship between voltage, current, and resistance. Engineers use proportions to design structures, calculate loads, and ensure

safety margins. Understanding the relationship between force and area (pressure) or the flow of fluids relies heavily on proportional reasoning. Concepts like **dimensional analysis** and proportionality constants are critical in scientific modeling.

6. Data Analysis and Statistics:

In statistics, proportions are used to represent the fraction or percentage of a population that possesses a certain characteristic. For instance, the proportion of voters who favor a particular candidate is a crucial metric in polling. Understanding **statistical proportions** is vital for making informed interpretations of data and drawing valid conclusions.

Conclusion: The Enduring Power of Proportionality

In conclusion, the definition of proportion in math is elegantly simple yet profoundly powerful: it is a statement that two ratios are equal. This fundamental equality underpins a vast array of mathematical concepts and practical applications. Whether we are scaling a drawing, adjusting a recipe, or analyzing scientific data, the principles of proportion guide us in understanding and manipulating quantitative relationships. The cross-product property provides a tangible tool for verification and problem-solving, while the distinction between direct and inverse proportion highlights the diverse ways quantities can relate. As we navigate through mathematics and the world around us, a firm grasp of proportionality will undoubtedly prove to be an

indispensable asset, illuminating the interconnectedness and inherent order within the quantitative realm.

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Questions & Answers About what is the definition of proportion in math

No	Question	Answer
1	So, what exactly IS proportion in math, in simple terms?	In math, a proportion is essentially a statement that two ratios are equal. Think of it as saying two fractions represent the same relationship or comparison.
2	Can you give me a real-world example of proportion to make it clearer?	Sure! If a recipe calls for 2 cups of flour for every 1 cup of sugar, and you decide to use 4 cups of flour, a proportion tells us you should use 2 cups of sugar to keep the taste balanced ($2/1 = 4/2$).
3	What's the difference between a ratio and a proportion?	A ratio compares two quantities (like 2 apples to 3 oranges), while a proportion is an equation stating that two ratios are equal (like $2/3 = 4/6$).
4	How do we mathematically check if two ratios form a proportion?	You can check if two ratios are proportional by cross-multiplication. If you have $a/b = c/d$, then $a * d$ must equal $b * c$ for it to be a true proportion.
5	What are some common applications of proportions in everyday life?	Proportions are used everywhere! Think scaling recipes, calculating distances on maps, determining currency exchange rates, and even in construction for ensuring correct measurements.

6	Is there a specific symbol used to represent proportions?	While not a dedicated symbol for 'proportion' itself, we use the equals sign (=) to show that two ratios are in proportion. For example, $a/b = c/d$ signifies a proportion.
7	What does it mean if something is 'inversely proportional'?	When two quantities are inversely proportional, as one increases, the other decreases at a constant rate. For example, the more workers you have on a job, the less time it takes to complete (assuming they work at the same pace).

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Understanding What Is The Definition Of Proportion In Math

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