

Download Absolute Value Application

Definitions and Applications of Absolute Value - Concept. When you see an absolute value in a problem or equation, it means that whatever is inside the absolute value is always positive. Absolute values are often used in problems involving distance and are sometimes used with inequalities. Later we will discuss graphs of absolute value equations...

Absolute Value Functions and Graphs – Real World Applications. A more advanced lesson (or even a Project) could involve them using the GPS on their phone or tablet to plan a class trip. Say they fly from the nearest airport to Hawaii and then back. Have them chart the time and distance of the trip using the GPS system (Google Maps, Maps for iPhone,...

Absolute Value. The absolute value of a number can be thought of as the value of the number without regard to its sign. For example $|3| = 3$ and $|-5| = 5$. When plotted on a number line, it's the distance from zero. We use the absolute value when subtracting a positive number and a negative number.

Absolute value word problems. The least amount is 35 dollars and the biggest amount is 65 dollars.

Applications of Absolute Value Functions. To find (which should be positive), we can use the non-vertex point for x . So the equation of the path of the ball is $y = -16x^2 + 64x + 4$. Since the second student is 4 feet away from the vertex, we need to use $x = 4$ to get the height of the ball at that point: feet.

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$Y = \text{absolutevalueof}(x)$. That there is a “real life” absolute value function. Oh.... sorry, did you mean an example in which it is used in an application? Oh, I see. Well, there are many. Distances involve abs (absolute value function abbreviation). Filters for image processing, economic functions, etc. But this is boring. Right?

Absolute Value Step-by-step Lesson- We start solving real life banking problems. Guided Lesson - People love to buy stuff! There is a ton of math when you buy stuff! I have no idea why so few people have an affinity for math. Guided Lesson Explanation - It is neat on how you pull negatives and positives out of a word problem.

Full Answer. Vector units measure speed and direction, so they can be negative. Absolute values are also useful in some financial scenarios. The money involved in a transaction, for example, is always positive, so the absolute value can help people determine the total amount of money that moved.

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