

What is quantum theory with easy example

Answer:

Quantum theory is the theoretical basis of modern physics that explains the nature and behavior of matter and energy on the atomic and subatomic level. Planck wrote a mathematical equation involving a figure to represent these individual units of energy, which he called quanta.

Example :

Quantum mechanics [QM] is a branch of physics which describes physical systems so that properties like the energy or angular momentum are discrete quantities that are multiples of a smallest unit or quantum. A famous physicist named Erwin Schrödinger made an example of quantum mechanics, often called Schrödinger's cat.

Explanation:

Which is the most accurate characterization of Mayella Ewell during her cross-examination? (from To Kill a Mockingbird) -----

1. She misinterprets courtesy as mockery.
2. She is protective of her father.
3. She is traumatized by the rape.
4. She tells the whole truth and nothing but the truth.

Which textual evidence from the text best supports your answer? I paced the floor to and fro with heavy strides, as if excited to fury by the observations of the men, but the noise steadily increased.

I swung the chair upon which I had been sitting, and grated it upon the boards, but the noise arose over all and continually increased.

It grew louder—louder—louder! And still the men chatted pleasantly, and smiled.

I felt that I must scream or die!—and now—again—hark! louder! louder! louder! LOUDER!—

Which of the following groups of people is an example of a corporation? A. A group of people who write the laws for a country

- B. A group of people who are paid to work in a factory
- C. A group of people who grow their own vegetables to eat
- D. A group of people who own a business selling pepper

Gina read 120 pages in 4 days. Which is an equivalent rate

Bradshaw Inc. is contemplating a capital investment of \$88,000. The cash flows over the project's four years are:

Col1	Expected Annual	1	2	3	4	Col2	Expected
Annual	Year	\$30,000	45,000	60,000	50,000		

Col3 Cash Inflows Cash Outflows \$12,000 20,000 25,000 30,000

The cash payback period is A. 3.59 years. B. 3.50 years. C. 2.37 years. D. 3.20 years

Which of the following best describes why "natural" sugars, such as honey, are no better for the body than corn syrup or white sugar?

What are positive and negative effects about industrialization?

The quadratic equation $2x^2 + bx + 18 = 0$ has a double root. Find all values of b

What percentage of the offspring in each scenario would have sickle-cell disease? what percentage would have sickle-cell trait?

What does the lens of an eye do to create an image? A. focuses light on the cornea

B. focuses light on the retina

C. reflects light away from the retina

D. bends the cornea to correct vision?

Which expression is equivalent $-4 \times 4 \times 4 \times 4 \times 4 \times 4 \times 4$?

?

For the Heisenberg uncertainty principle, where did the 4π come from in the equation, which is " x times p is greater than or equal to h divided from 4π "?

Who was the main proponent of laissez-faire economics during the Enlightenment period? a. Jeremy Bentham

b. Adam Smith

c. John Stuart Mill

d. Robert Owen

A rectangular prism measures $2\frac{2}{5}$ inches by $3\frac{1}{5}$ inches by 2 inches.

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Get ready for the launch of America's Top Equation!

Imagine that a TV network held a talent contest for . . . equations. Which type of equation would you want to win? Pick the kind of function that you'd like to sponsor for the contest, and describe its traits in a way that shows why it should be America's top equation.

Recall some of the types of equations: linear, exponential, and quadratic (you've seen these equations applied to increasingly advanced scenarios), plus polynomial, radical, and rational. You've seen these equations in systems and by themselves, and sometimes as the basis of an inequality or a system of inequalities.

In your description, include key features (as represented in a graph, equation, or table) and prove your equation type's worth for solving real-world problems. America's top equation must prove useful and applicable to everyday situations!

What is the sum of 3 times m and 4 times m

How to make a best studying plan for college i am in dorm?

Describe the roll of a decomposer in a food web.

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