

Eliminate the parameter. $x = t^2 + 1$, $y = t^2 - 1$

Answer:

$$x - y = 2$$

Step-by-step explanation:

The given equations are $x = t^2 + 1$ and $y = t^2 - 1$

We have to eliminate the parameter t from these equations.

Since $x = t^2 + 1$

$$t^2 = x - 1$$

and $y = t^2 - 1$

$$t^2 = y + 1$$

Now we equate both the equations

$$x - 1 = y + 1$$

$$x - y = 1 + 1$$

$$x - y = 2$$

Therefore, answer is $x - y = 2$

Which answer choice correctly states the historical relationship between the Zapotec and Maya civilizations?

PLZ HELP WILL MARK BRAINLIEST Sharon is a skilled professional who operates logging equipment.

Sharon's career is most likely in the field of

animal systems.

plant systems.

natural resource systems.

environmental service systems.

Due to a recent drought, a farmer has lost quite a bit of soil on his fields because

One fifth of the twenty fire people in the bakery made a preorder. How many people did NOT make a preorder?

After Eric first falls asleep, how does the change in setting shape the events that follow ?

What is 4 divided by 29.6 ?

Weight is opposed by what force?

Which of the following explorers stirred interest in the Silk Road?

Two scientists perform a similar experiment, but each produces a different result. What could this possibly indicate? I. The scientists used different methods to collect the data. II. The scientists used different methods to interpret data. III. The results of both experiments are trustworthy. IV. One or both scientists collected data with faulty equipment.

Can anyone lend a hand helpin me ?E and ?F are vertical angles with $m\angle E=9x+12$ and $m\angle F=3x+24$. What is the value of x? Enter your answer in the box. x =

Monitoring environmental parameters can help policy makers determine _____.

What is the net ionic equation of the reaction of ZnCl_2 with NaOH?

Write the net ionic equation for the equilibrium that is established when potassium hypochlorite is dissolved in water.

Which two protists evolved from a symbiotic relationship of organisms, which resulted in eukaryotic organisms containing chloroplasts?

Find the area of a triangle with base of 10 inches and a height of 16 inches.

Of the items manufactured by a certain process, 20% are defective. Of the defective items, 60% can be repaired. a. Find the probability that a randomly chosen item is defective and cannot be repaired. b. Find the probability that exactly 2 of 20 randomly chosen items are defective and cannot be repaired.

Temperature is most closely related to which property of liquid?

Which sentence below contains a correctly used modifier in italicsa) joe looked sad at his broken bikeb) the sauce tasted bitterly & i couldn't swallow it. c. he spoke sharply to his sisterd) i feel goodly now that i am over the flu.?

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