

Define the laws of segregation and independent assortment. Explain how a Punnett square can illustrate both of these laws.?

Gregor Mendel made two laws of hereditary. The First was the law of segregation and the second the law of independent assortment.

Law of segregation states that for a gamete, it receives one copy a gene in a random process and can be found in each gamete.

Independent assortment states that the alleles of two or more than two different genes get sorted into gametes, independent of each other.

- A punnett square will therefore explain this with reference to a cross between two parents.
- For example: AA x aa

AA is sorted independently and segregated to be passed to the gamete and the same for aa

A A x a a

A a

Learn more about the laws of hereditary: brainly.com/question/9182447

Answer:

Law of segregation can be understand that when an individual makes a gamete, gamete receives one copy a gene in it which is completely random process and can be found in each gamete that later will form in the offspring.

Independent assortment states that the alleles of two or more than two different genes get assorted into gametes, totally independent to one another.

Punnett square is the diagram representation of the prediction of the genotypes of a particular breeding experiment. This predictions are used to the show on the basis of of both the laws stated above. In the punnett square the alleles of each gamete are segregated and represented outside of the box on right side and above

the box.

The each inner box is get one copy of the alleles from both the side independently of one other.

What was the policy of the roman empire regarding religion in its provinces?

Painting. Quentin can paint the turret on a Queen Anne house in 40 hr. It takes Austin 50 hr to paint the same turret. How long would it take them, working together, to paint the turret?

which of the following methods tells you which layer of rock is oldest but does not tell you exactly how old

Question 1 unsaved the winners of elections often believe that they have a(n) _____, which is a command, indicated by an electorate's votes, for the newly elected officials to carry out a party platform or policy agenda.

Why can't the product of 2-digit numbers ever be two digits? Explain

Under the law in the antebellum South, slaves were _____. servants

animals

property

indentures

Which of the following are rites of passage, according to Arnold van Genep? 1) Marriage

2) High-school graduation

3) Puberty

4) Death

5) Speech

6) Birth

What are the chemical processes used to make chloroquine?

Which of the peoples below did not develop a distinctive culture oriented toward the water? a. the Kwakiutls c. the Mogollons b. the Haidas d. the Tlingits

What is the difference between a price floor and a price ceiling? A price floor is the minimum price allowed for a good. A price ceiling is the maximum price allowed for a good.

A price floor is the maximum price allowed for a good. A price ceiling is the minimum price allowed for a good.

A price floor is an advantage for consumers for buying a good. A price ceiling is a disadvantage for consumers for buying a good.

A price floor is a disadvantage for consumers for buying a good. A price ceiling is an advantage for consumers for buying a good.

$$-12.3 + 6.53x = 9.72x + 3.26$$

British Canada ganed a large French population as a result of a. France's loss of its Canadian colonies in the Seven Years' War

b. The ?ight of Canada of French Protestants in the eighteenth century

c. French citizens ?eeing the Napoleonic wars

d. French fur traders being driven out of the United States

The reaction between bromine gas and fluorine gas to create bromine monofluoride gas has reached equilibrium. what is the effect of adding more bromine gas to the reaction chamber? question 10 options:

If y varies directly as x, and y is 6 when x is 72, which is the value of y when x is 8 ?

The length of time (in seconds) an individual takes to use an ATM is Normally distributed with mean 100 and standard deviation 10. When Jackson arrives at an ATM, he finds 4 individuals waiting in a queue to use the machine. Let T be the duration (again, in seconds) of the period that starts when the first individual in queue accesses the ATM and ends when the last individual in queue leaves the ATM. Find $P(T < 360)$.

You are considering 2 jobs. One job pays \$350 per week plus 2% commission on all sales. The second job pays \$1,200 per month and 2.5% commission on all sales. Assuming sales of \$1,000,000 during the year, which job pays the best

Simplify 7 to the 5th power 4 to the 5th power and write your answer using an exponent

Which of the following best describes Theory Y? A. a theory of motivation describing five levels of human needs and arguing that basic needs must be fulfilled before people work to satisfy higher-level needs

B. a theory of motivation holding that people are naturally responsible, growth oriented, self-motivated, and interested in being productive

C. a theory of motivation holding that people are naturally irresponsible and uncooperative

D. a theory of motivation holding that job satisfaction depends on two types of factors, hygiene and motivation

1. [Home](#)
2. [More Solution](#)