

**Solar energy received by the Earth's surface causes the Earth's surface to heat up during the day. Which of the following heat transfer mechanisms is the main cause of the surface gaining heat? A. radiation B. convection C. conduction D. advection**

Answer:

radiation

Explanation:

A 200-kg object has a 50-Newton rightward net force being applied to it. What is the magnitude of the rightward acceleration on the object  $\text{m/s}^2$ ?

Ms. Groves has trays of paints for students in her art class. Each tray has 5 colors. One of the colors is purple. What fraction of the colors in 20 trays is purple?

A boss who is a micromanager often works excessive hours, skips vacations, and needs to approve everything

the sides of a square are all increased by 3cm. The area of the new square is  $64\text{cm}^2$ . Find the length of the original square

A naturally occurring force related to two bodies in motion is \_ force

Why did the European countries like having colonies under the mercantilist system?

A grinding wheel is spinning with an initial angular velocity  $+\omega_0$ . When its motor is turned off at  $t=0$ , it begins to slow down with an angular acceleration  $-\alpha$ .

Derive an expression for the number of revolutions that the wheel will rotate through before coming to rest. Express your answer in terms of the variables  $\omega_0$  and  $\alpha$ , and the constant  $\pi$ .

$-3.5 \times 10^7 = -5.2 \times 10^7$  what is  $p$

Which of the following is a 6-point driving infraction in the state of Florida

Structurally, vertebrae form \_\_\_\_\_ joints connected by intervertebral discs.

What gave Portugal an advantage in the slave trade? A. a shared language with African slave traders

B. a trade agreement with Italian merchants

C. trading posts on the African coast

D. larger, faster trading ships

Which of the following is an example of how enslaved Africans tried to preserve their culture?

- A. They converted to Christianity.
- B. they introduced African musical instruments to the Americas.
- C. They established a new Asante kingdom.
- D. They adopted European forms of art and literature.

From where did the Middle Passage originate?

- A. Spain
- B. Africa
- C. British North America
- D. Spanish Caribbean

How did slavery in the ancient world differ from slavery in the Americas?

- A. In the ancient world, people were slaves for life.
- B. In the ancient world, children of slaves were born into slavery.
- C. In the ancient world, slaves were often war captives or debtors.
- D. In the ancient world, millions of slaves were shipped from their home to other countries

Country X can cut, prepare, and export lumber using fewer worker hours than Country Y. Country Y can produce lumber but produces cars more efficiently than it produces lumber. It also produces cars more efficiently than Country X. Which of these statements is accurate? A. Country X will import Country Y's lumber due to absolute advantageB. Country X will import Country Y's lumber due to comparative advantageC.Country Y will import Country X's lumber due to comparative advantageD. Country Y will import Country Y's lumber due to absolute advantage

If soap hits the floor, is the soap dirty or the floor clean????

Calculate the number of moles of an ideal gas if it occupies 1750 dm<sup>3</sup> under 125,000 Pa at a temperature of 127 C.

What is the difference between a phrase and a clause

Review the case. Marbury v. Madison Which most accurately explains how the case established the equality of the judicial, legislative, and executive branches? cutive branches?

The Marbury v. Madison decision helped to establish the authority of the First Bank of the United States, which in turn helped to elevate the status of the judicial branch.

The Supreme Court's decision in Marbury v. Madison established the idea of judicial review, which allowed the judicial branch to void the actions of Congress and the president.

Andrew Jackson's willingness to abide by the decision in Marbury v. Madison in regard to removal of native tribes in Georgia provided the judicial branch with equal authority.

The establishment of the executive power over interstate commerce through the Marbury v. Madison decision provided the judicial branch with authority through the executive branch.

If the principle of segregation was incorrect, what would Mendel's cross of two heterozygous individuals (for seed shape) yield?

What is x squared times 2

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