

# The elements fluorine chlorine and iodine are all part of the same blank on the periodic table

They are all in the same family, also known as a group. They're the same thing. Group.....they're all in group 7

What is a small county in the world

Which statement justifies the given ordered pair as a solution to the system of equations? ? (?1, ?13)

?

$$\begin{cases} y=3x+10 \\ y=-2x+15 \end{cases}$$

$$\begin{cases} x=3(-13)+10 \\ x=-2(-13)+15 \end{cases}$$

$$\begin{cases} -13=3(x)+10 \\ -13=-2(x)+15 \end{cases}$$

$$\begin{cases} x=3(13)+10 \\ x=-2(13)+15 \end{cases}$$

$$\begin{cases} -13=3(1)+10 \\ -13=-2(1)+15 \end{cases}$$

True or false: We know the meaning of all pictographs and petroglyphs

What is an equation in point slope form of the line that passes through the points (-3 5) and (2,-3)

A new movie opened the other day. So far, 500,000 people have seen it. The producers of the movie needed to know if the people liked it. A random sample of 8,000 people leaving showings of the movie were asked if they liked the movie. Of those interviewed, 4,200 enjoyed the movie. Predict the total number of people who have enjoyed the movie.

Shaun is eating at a restaurant. Arrange the events in order to describe Shaun's sensory responses as his meal was served.

1. Charged particles can affect and be affected by other charged particles through the electric fields they produce.

other particles, but only if they have the opposite charge.

other particles, but only if they have the same charge.

fields of attractive, but not repulsive, force.

2. What is the term for the force experienced by a charged particle in an electromagnetic field?

the Oersted force

the Tesla force

the Gauss force

the Lorentz force

3. Which of the following fields is a "vector field"?

electric only

magnetic only

electric and magnetic

neither electric nor magnetic

4. Which of the following formulas can be used to find the magnitude of the force on a charge moving at an angle  $\theta$  through a magnetic field?

$F = qE$ ?

$F = qvB\sin\theta$ ?

$F = qvB\cos\theta$ ?

$F = qvB$ ?

5. How do stationary charged particles interact at a distance with their surroundings?

by emitting photons into the surroundings

by creating magnetic force fields

by breaking up into smaller charges

by way of their electric fields

6. An electric field always surrounds \_\_\_\_\_.

uncharged particles

negatively and positively charged particles

only positively charged particles

only negatively charged particles

7. When Hans Christian Oersted discovered the connection between electricity and magnetism in 1820, he initially assumed that the magnetic field around a wire radiated evenly along all sides, like light or heat. What is the actual shape of the magnetic field of a wire?

radially oriented but expanding and contracting in strength

rod-shaped, contained entirely within the wire

a spring-like spiral with the wire along its axis

concentric circles centered on the wire

8. Moving a magnet creates electric forces that can \_\_\_\_\_.

create significant gravitational potential energy

induce electric current in a wire

cancel out the magnetic forces

move uncharged particles

9.How are an electromagnet's magnetic field lines directed?

parallel to the electric field lines

from the magnet's south pole to its north pole

from the magnet's north pole to its south pole

in straight lines radially from the north pole

10.If a charged particle is moving parallel to a magnetic field, it experiences

the maximum force possible

half of the maximum force possible

a force with a direction parallel to the magnetic field

no force

Sc.1,Lines 1-11:why does Shakespeare open this scene with Romeo in a joyful mood?

A survey asked a group of students to choose their favorite type of sport from the choices of soccer, softball, basketball, and others. The results of the survey are shown in the graph. Based on the graph, how many students in a class of 84 students would be expected to choose a sport other than soccer, softball, or basketball as their favorite type of sport?

Find all the factors of 99.

What is the measure of angle x? Enter your answer in the box.  $x =$

In 25 minutes, Jay can run 10 laps around the track. Write an equation to represent the relationship.

How was campaigning for president in the 1800s different than it is today??

How are inequality and equation similar and different

What were the three provisions of the Intolerable Acts?

A sentences with checks and balances? checks and balances have to be within one sentence. if you dont know the meaning you can search it!!

explain how the authors perspective on her Mormon faith changes. Why must this shift occur before she can participate in the protest?

What are the three main features of a pantomime?

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