

# What is the difference between work and power

Hello!

Explanation:

??????????

Work is done by a force on an object. It can causes an object to move. It requires motion (no motion = no work). Object moving in the same direction as the force = work. Object moving in a different direction than the force= no work. Work is equal to the force exerted on an object times the distance it moves. The metric unit for work is the joule (J). 1 joule= 1 newton-meter. The amount of work done is not affected by the time it takes to do the work. Power is the rate which work is done. Power equals work divided by time. The metric unit for power is the watt (W). 1 watt= 1 joule per second.

Work formula:

??????????

Power formula:

??????????

Hope this helps!

Thank you for posting your question at here on brainly.

-Charlie

Power is the rate in which work is being done

Jada has 60% of her goal of \$80 saved for her trip. If  $10\% \times 6 = 60\%$ , how much money does Jada have saved?

When taking notes you should include all of the following except A. paraphrased relevant information on the topic.

B. paraphrased supporting details for evidence.

C. referenced direct quotations using quotation marks.

D. personal reactions and reflections concerning the topic.

Spell this word correctly.

te mid' e të

60.0 mL of 0.322 M potassium iodide are combined with 20.0 mL of 0.530 M lead ( ) nitrate. What is the limiting reactant? How many grams of precipitate form?

Locke believed that human beings in the state of nature were what?

Which statement best describes a central theme of the story

There were 567 children eating lunch there was 323 children drinking milk and 136 children drinking orange juice the rest of the children were drinking apple juice how many children were drinking apple juice Double the amount of kids drinking apple juice were eating pizza for lunch if a pizza lunch costs \$2 how much money was spent on pizza that day

Which statement uses parallel structure? Our prices cannot be beat anywhere.

Our office is always open, twenty-four hours a day.

Our service is fast, friendly, and affordable.

Our store offers good prices, movies, and listening to good music.

Your town gets between 8 and 12 inches of snow each month from December to February. Estimate how much snow your town should get over the entire 3 months from December to February

Spartan Stadium at San Jose State University in California has a seating capacity of about 30,000. A newspaper article states that the Spartans get four times as many tickets as the visiting team. Suppose S represents the number of tickets for the Spartans and V represents the number of tickets for the visiting team's fans.

Which system could be used by a newspaper reader to determine how many tickets each team gets? a.  $4S + 4V = 30,000$   $S = 4V$  c.  $S + V = 30,000$   $V - 4S = 0$  b.  $S - 4V = 0$   $S + V = 30,000$

Insert parentheses in the expression  $4+2 \times 2 \times 2-5 \times 2$  in two ways so that the value is 10 and the other is 14

Why was the foreign policy of Harding and also Coolidge called isolationist? (Points : 2) Because the U.S. felt that it did not need any other country's help.

Because the other countries were too far away for the U.S. to become involved in business with them. Because the U.S. had its own problems. Because they both believed the U.S. should stay out of the business of other countries. Because Americans did not want to share diseases.

Great Lake Effects The Great Lakes influence the weather and climate of nearby land regions at all

times of the year. Much of this lake effect is determined by the relative temperatures of surface lake water compared to the surface air temperatures over those land areas.

The graph below shows the average monthly temperature of the surface water of Lake Erie and the surface air temperature at Buffalo, New York.

In an average year, four lake-effect seasons are experienced. When surface lake temperatures are colder than surface air temperatures, a stable season occurs.

The cooler lake waters suppress cloud development and reduce the strength of rainstorms. As a result, late spring and early summer in the Buffalo region tends to be very sunny.

A season of lake-effect rains follows. August is usually a time of heavy nighttime rains, and much of the rainy season is marked by heavy, localized rainstorms downwind from the lake. Gradually, during late October, lake-effect rains are replaced by snows.

Generally, the longer the time the wind travels over the lake, the heavier the lake effect becomes in Buffalo.

Finally, conditions stabilize again, as the relatively shallow Lake Erie freezes over, usually near the end of January. Very few lake-effect storms occur during this time period.

The passage states, "The cooler lake waters suppress cloud development..." because the water cools the air above its surface. Explain why this cool air above the lake surface reduces the amount of cloud development.

The width of a rectangle is 2cm less than its length . the perimeter is 52cm.the length is ?

What does wrapped its arms around her and rocked her to sleep mean?

Which of these is the scientific name for the organism? a( mountain lion

b( puma

c(panther

d(puma concolor

Which statement about Pickett's charge at the Battle of Gettysburg is not true? A) It was a defensive measure by Robert E. Lee.

B) Cemetery Ridge, outside Gettysburg, was considered the "high water mark of the Confederacy."

C) The attack began at Seminary Ridge.

D) Pickett lost over one-half of his men.

Io, a satellite of jupiter, has an orbital period of 1.77 days and an orbital radius of 4.22 10<sup>5</sup> km. from these data, determine the mass of jupiter.

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