

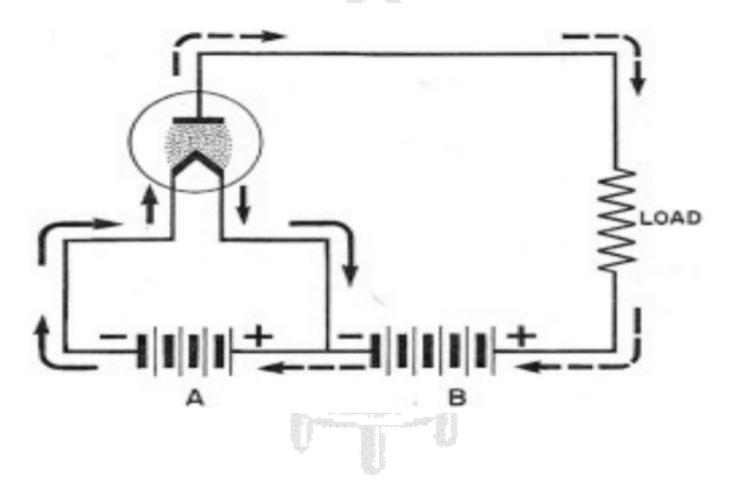
What is the Standard International Phonetic for the letter L? Love

London Luxembourg Lima

How long is dash compared to a dot?

In a single speaker radio, does it matter which lead goes to which terminal on the speaker?

What is shown in this diagram?



What does the acronym PCB mean in electronics?

Apart from Amateur Radio, what other hobby does Nick VA3NNW share with Roger VE3RKS?

What does the abbreviation UTC stand for?

Name this transceiver



What is meant by ELF?

(no, nothing to do with Santa Claus)

Where did Gonset radios get that name?

In the UK, a "Class B License" compares how to a "Class A"?

1: Is the same 2: Has access to less bands 3: Is limited on power 4: Is not allowed to operate CW?

What are these numbers? 13 14 15 16 600/16

Who was The old man?

Who was Ted Bodman?

Who invented the super heterodyne?

Who invented wide band FM broadcasting?

Who did David Sarnoff ban from the RCA building for sitting on top of the tower on the building roof?

Who was Art Collins ham friend who was instrumental in getting SSB widely accepted?

What was Art Collins call sign?

If this were Morse, what would it be?

An isotropic antenna is a:

A: hypothetical point source B: infinitely long piece of wire C: dummy load D: half-wave reference dipole

Where a friend is not the holder of any type of radio operator certificate, you, as a holder of an Amateur Radio Operator Certificate with Basic Qualification, may, on behalf of your friend:

A: install an amateur station, but not operate or permit the operation of the apparatus
B: install and operate the radio apparatus, using your own call sign

C: modify and repair the radio apparatus but not install it

D: not install, place in operation, modify, repair, maintain, or permit the operation of the radio apparatus

What are these numbers? 33 45 78

What was the battle between Edison and Tesla about?

Friday October 1 was the anniversary of the founding of the Edison Lamp Works, the first incandescent light bulb manufacturing plant. In what year was it founded?

What does VoIP stand for?

What are these numbers? 20 40 80 160

QST is the name of a magazine and a Q signal. What does the Q signal mean?

What is CONELRAD?

What are these numbers? 28 29 30 31

What is the call sign of the Canadian time standard station?

What are these numbers? 110 115 117 120 200 210 220 550

The cubical "quad" or "quad" antenna consists of two or more square loops of wire. The driven element has an approximate overall length of:

A: three-quarters of a wavelength B: one wavelength C: two wavelengths D: one-half wavelength

In Canada, the 15 metre amateur band corresponds in frequency to:

A: 18.068 to 18.168 Mhz B: 14.000 to 14.350 Mhz C: 28.000 to 29.700 Mhz D: 21.000 to 21.450 MHz

What distress signal came before SOS?

What year was SOS adopted as a distress signal? 1906 1908 1912 1914

In an FM receiver, the İS connected to the input of the radio frequency amplifier? A: mixer **B:** frequency discriminator C: antenna D: limiter

What are these numbers? 8 10 12 14 16 18 20 etc

Name two types of antenna that can be mounted on a printed circuit board during manufacture for use in the 700-2500MHz bands?

On October 1, 1908, Ford announced the Model T. How much did it sell for back then?

What part of the early Model T Ford was used by hams as their **CW Transmitter?** A: Steel running boards **B:** Spare tire holder C: Matching rear bumpers D: Wood-encased ignition coil?

What is the name of the tablet device announced last week by RIM?

(pic) PB

Who is running for mayor in Kitchener?

How many computers are trashed each day in the US?



How many cell phones are trashed each day in the US?



The two basic types of field effect transistors (FET) are:

A: NPN and PNP B: germanium and silicon C: inductive and capacitive D: N and P channel

Who was Hiram Percy Maxim? A: Famous Inventor B: He saved ham radio from being banned C: Founder of the ARRL D: All of the above

What are these numbers? 7.5 15 25 50 60 75 100 200

What can be found at 101science.com?

What are these numbers? 705 416 519 905

What comet can be seen over head this month in the vicinity of the constellation Cassiopea?

The "HQ-120-X" Receiver was made by what company? A: Hammarlund B: Howard C: Hallicrafters D: Hewlett Packard

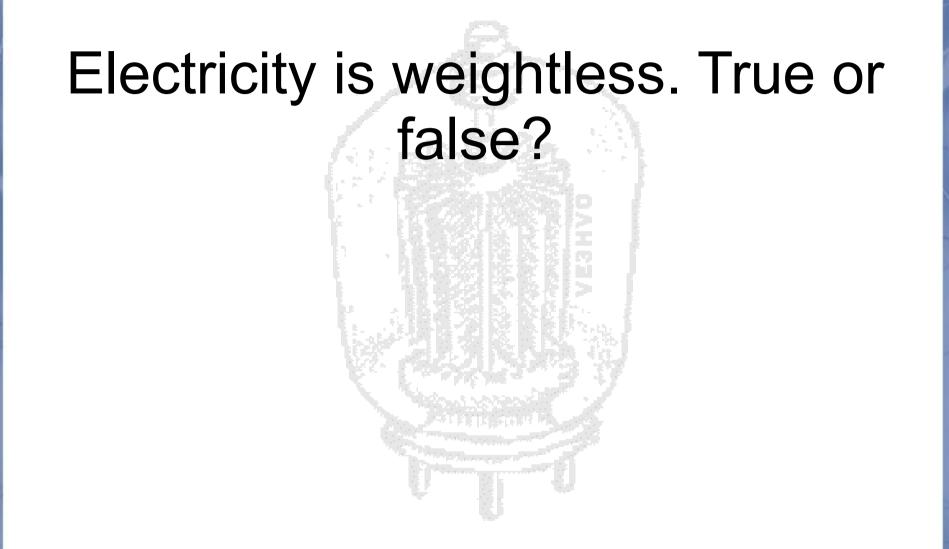
What are these numbers? 1 2 5 10 20

Pilots used to carry a circular slide rule. What was the name for it?

Was Ben Franklin's kite really struck by lightning?

Re-entering space craft heat up due to air friction. True or false?

What are these numbers? 3.2 4 8 16 45



What did Ben Franklin mean by "resinous electricity" and "vitreous electricity"?

What flows in fuel cell membrane? Electrons or Protons?

What are these numbers? 262, 450, 455, 10.7, 21.4, 45

If your HT's lithium ion battery is supplying 4A of current, how much of this current is positive charges?

What is the name of the band above UHF in the 1 to 2 GHz range?

What is the value of a 4 colour band resistor: brown, white, blue, black, red?

0 Black1 Brown2 Red3 Orange4 Yellow

5 Green6 Blue7 Violet8 Gray9 White

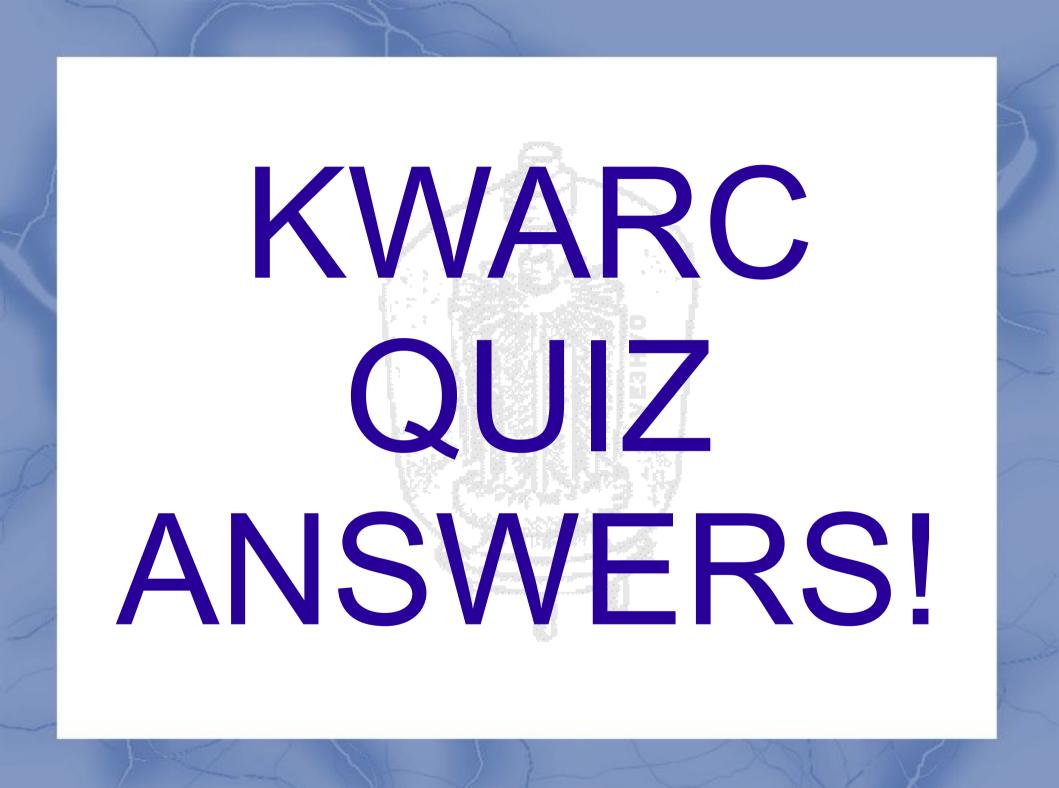
IC has now given Hams up to a zettaWatt of power! How much is a zettaWatt?

How many mA of current are required to reach the "cannot let go" threshold?

What was WWPUG?

When was the antenna system for VE3KSR given its last major overhaul?

What are these numbers? 50 52 75 93 300 450 600



What is the Standard International Phonetic for the letter L? Love London Luxembourg Lima LIMA

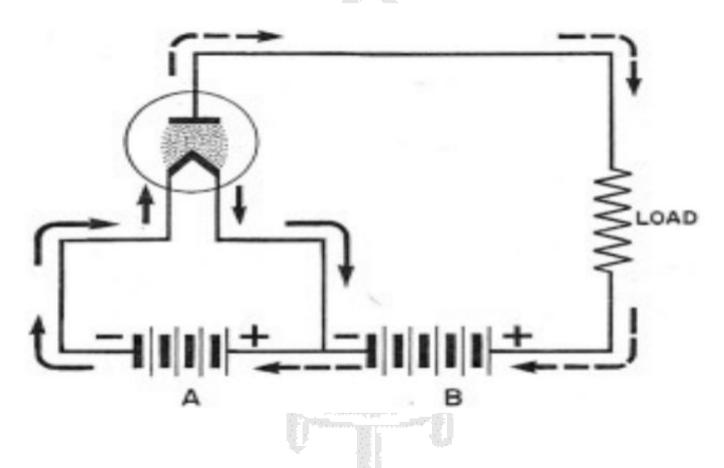
How long is dash compared to a dot?

3 times

In a single speaker radio, does it matter which lead goes to which terminal on the speaker?

No, as the signal going into the speaker is AC and polarity doesn't matter. Now, if you have two speakers, yes it does matter as the speaker cones HAVE to be in phase

What is shown in this diagram?



Diode Tube Circuit

What does the acronym PCB mean in electronics?

Printed circuit board. (Polychorinated biphenyls as well).

Apart from Amateur Radio, what other hobby does Nick VA3NNW share with Roger VE3RKS?

Geocaching!

(Sometimes described as "using a billion-dollar military satellite system to find tupperware in the woods")

What does the abbreviation UTC stand for?

Universal temps coordonee Universal coordinated time

Name this transceiver



Elecraft K2

What is meant by ELF?

(no, nothing to do with Santa Claus)

Extremely Low Frequency

Where did Gonset radios get that name?

Faust Gonset (W6VR) joined his fathers company to manufacture radios.

In the UK, a "Class B License" compares how to a "Class A"?

1: Is the same 2: Has access to less bands 3: Is limited on power 4: Is not allowed to operate CW?

1: They are (now) the same.

What are these numbers? 13 14 15 16 600/16

Tyres

Who was The old man?

Hiram Percy Maxim (W1AW)

Who was Ted Bodman?

VE3CD. Member of KWARC, (recently deceased, aged 94) Original owner of Waterloo electronics. Trained at the famous WW2 spy training Camp X. Posted to Brazil to intercept enemy coded messages.

Who invented the super heterodyne?

Edwin Armstrong.

Who invented wide band FM broadcasting?

Edwin Armstrong

Who did David Sarnoff ban from the RCA building for sitting on top of the tower on the building roof?

Edwin Armstrong

Who was Art Collins ham friend who was instrumental in getting SSB widely accepted?

Gen. Curtis LeMay, USAF (K0GRL)

What was Art Collins call sign?

WOCXX

If this were Morse, what would it be? â

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A: hypothetical point source

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D: not install, place in operation, modify, repair, maintain, or permit the operation of the radio apparatus

What are these numbers? 33 45 78

Record Speed

What was the battle between Edison and Tesla about?

DC (Edison) vs. AC (Tesla)

Friday October 1 was the anniversary of the founding of the Edison Lamp Works, the first incandescent light bulb manufacturing plant. In what year was it founded?

1880

Did Donny Fisher work there?

What does VoIP stand for?

Voice Over Internet Protocol

What are these numbers? 20 40 80 160

Imp. ounce measure half pint, pint, quart gallon

QST is the name of a magazine and a Q signal. What does the Q signal mean?

Calling all amateurs

What is CONELRAD?

An emergency system to shut down all US transmitters so an enemy couldn't use the emissions for direction finding.

What are these numbers? 28 29 30 31

Days in a month

What is the call sign of the Canadian time standard station?

CHU

What are these numbers? 110 115 117 120 200 210 220 550

A.C. Voltages

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B: one wavelength

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C: Antenna

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Wire Gauge

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Trace and Ceramic

On October 1, 1908, Ford announced the Model T. How much did it sell for back then?

\$850

What part of the early Model T Ford was used by hams as their **CW Transmitter?** A: Steel running boards **B:** Spare tire holder C: Matching rear bumpers D: Wood-encased ignition coil?

D:The wood-encased ignition coil

What is the name of the tablet device announced last week by RIM?

BlackBerry PlayBook

Who is running for mayor in Kitchener?

Carl Zehr, Frank Kulsar, Don Pinnell

How many computers are trashed each day in the US?

130k



How many cell phones are trashed each day in the US?

300k



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D: N and P channel

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D: All of the above

What are these numbers? 7.5 15 25 50 60 75 100 200

Lightbulb Wattages

What can be found at 101science.com?

Full amateur radio resource and links to radio electronics, astronomy, science, math, and much more.

What are these numbers? 705 416 519 905

Area codes!

What comet can be seen over head this month in the vicinity of the constellation Cassiopea?

Hartley (Binocular viewing)

The "HQ-120-X" Receiver was made by what company? A: Hammarlund B: Howard C: Hallicrafters D: Hewlett Packard

A: Hammarlund

What are these numbers? 1 2 5 10 20

Resister, Capacitor Tolerance in %

Pilots used to carry a circular slide rule. What was the name for it?

A Jeppeson

Was Ben Franklin's kite really struck by lightning?

If it was he would have died sooner. He did show that the kite and string could collect a little bit of charge imbalance out of the sky. The lesson: silk ribbon and metal keys are no match for big charge differences.

Re-entering space craft heat up due to air friction. True or false?

False, They heat up by squeezing the air - same as a bike pump does, and it gets hot too.

What are these numbers? 3.2 4 8 16 45

Speaker impedances

Electricity is weightless. True or false?

If electricity is electrons, then no. Electrons have mass. 1 kg of copper has about 10 mg of electrons.

What did Ben Franklin mean by "resinous electricity" and "vitreous electricity"?

Negative and positive charges

What flows in fuel cell membrane? Electrons or Protons?

Protons (go look up proton conductor)

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IF frequencies

If your HT's lithium ion battery is supplying 4A of current, how much of this current is positive charges?

Half -- two way flow of ions

What is the name of the band above UHF in the 1 to 2 GHz range?

L band

What is the value of a 4 colour band resistor: brown, white, blue, black, red?

196 ohm ± 2%

IC has now given Hams up to a zettaWatt of power! How much is a zettaWatt?

1 sextillion watts (10²¹) (Talk about lighting up the sky!)

How many mA of current are required to reach the "cannot let go" threshold?

13mA

What was WWPUG?

Waterloo Wellington Packet users group. Formed in 1995 by an interested group composed primarily of KWARC members-to promote packet in the area. VE3KWQ repeater was located on the Baden Hill. (Check this with Tedd VE3TJD) We dedicated the residual of our funds to purchase the original weather station located on the Baden Hill

When was the antenna system for VE3KSR given its last major overhaul?

[Ask Ben]

What are these numbers? 50 52 75 93 300 450 600

Transmission line impedance

