

# Moving Heat Quiz



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1. What is a BTU a measure of?

- Heat
- Temperature
- Water
- Ice

Question 1 of 10

2.

At what temperature does water boil?

- 100 degrees Kelvin
- 32 degrees Celcius
- 100 degrees Celcius
- 211 degrees Fahrenheit

Question 2 of 10

3.

The heat the earth receives from the Sun is an example of

- Radiation
- Convection
- Conduction
- A Sunburn

Question 3 of 10

4.

In a sealed container if a gas is cooled it...

- Increases in volume
- Becomes a liquid
- Decreases in Pressure
- Increases in Pressure

Question 4 of 10

5.

As temperature increases molecular velocity

- Goes Crazy
- Increases
- Decreases
- Stays the same

Question 5 of 10

6.

A refrigeration circuit...

- Moves refrigerant by making it cold and increasing the velocity of the molecules
- Pumps freon into the evaporator coil where it condenses into cold freon particles
- Manipulates the gas into latent heat which makes the coils cold
- Rejects heat by increasing the pressure and temperature and absorbs it by decreasing the same

Question 6 of 10

7.

Latent Heat is...

- Heat you can't measure with your pocket thermometer
- Mysterious and probably magic
- Temperature
- Heat that makes things colder

Question 7 of 10

8.

Blowing air into a space is an example of..

- Refrigeration
- Boyle's Law
- Convection
- Radiation

Question 8 of 10

9. How many BTU's make up a ton?

- 1,200 BTUs
- 12,000 BTUs per day
- 288,000 BTUs per day
- 12,000 BTUs a minute

Question 9 of 10

10. Decreasing Pressure will result in a \_\_\_\_\_ Boiling temperature

- Lower
- Higher
- Evaporation
- Freon
- Compressor

Question 10 of 10

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