

# Unit 08: Temperature Measurements

Author: Steve Gibbs

Professor @The Saylor Foundation

Published 2014

# Create, Share, and Discover Online Quizzes.

QuizOver.com is an intuitive and powerful online quiz creator. [learn more](#)

Join QuizOver.com



## How to Analyze Stocks

By Yasser Ibrahim

1 month ago  
12 Responses

© iStock: Thomson Moter



## Pre Employment English

By Katharina jennifer N

5 months ago  
19 Responses

© iStock: Albin



## Lean Startup Quiz

By Yasser Ibrahim

2 months ago  
16 Responses

© iStock: Gekwotwe Ochiu

Powered by QuizOver.com

The Leading Online Quiz & Exam Creator

Create, Share and Discover Quizzes & Exams

<http://www.quizover.com>

## Disclaimer

All services and content of QuizOver.com are provided under QuizOver.com terms of use on an "as is" basis, without warranty of any kind, either expressed or implied, including, without limitation, warranties that the provided services and content are free of defects, merchantable, fit for a particular purpose or non-infringing.

The entire risk as to the quality and performance of the provided services and content is with you.

In no event shall QuizOver.com be liable for any damages whatsoever arising out of or in connection with the use or performance of the services.

Should any provided services and content prove defective in any respect, you (not the initial developer, author or any other contributor) assume the cost of any necessary servicing, repair or correction.

This disclaimer of warranty constitutes an essential part of these "terms of use".

No use of any services and content of QuizOver.com is authorized hereunder except under this disclaimer.

The detailed and up to date "terms of use" of QuizOver.com can be found under:

<http://www.QuizOver.com/public/termsOfUse.xhtml>

## eBook Content License

Dr. Steve Gibbs. Measurement & Experimentation Laboratory. The Saylor Foundation,  
<http://www.saylor.org/courses/me301/>

### Creative Commons License

Attribution-NonCommercial-NoDerivs 3.0 Unported (CC BY-NC-ND 3.0)

<http://creativecommons.org/licenses/by-nc-nd/3.0/>

You are free to:

Share: copy and redistribute the material in any medium or format

The licensor cannot revoke these freedoms as long as you follow the license terms.

Under the following terms:

**Attribution:** You must give appropriate credit, provide a link to the license, and indicate if changes were made. You may do so in any reasonable manner, but not in any way that suggests the licensor endorses you or your use.

**NonCommercial:** You may not use the material for commercial purposes.

**NoDerivatives:** If you remix, transform, or build upon the material, you may not distribute the modified material.

**No additional restrictions:** You may not apply legal terms or technological measures that legally restrict others from doing anything the license permits.

# Table of Contents

Quiz Permalink: <http://www.quizover.com/question/unit-08-temperature-measurements-by-steve-gibbs-the-saylor-foundat>

Author Profile: <http://www.quizover.com/user/profile/steve.gibbs>

## 1. Unit 08: Temperature Measurements

## 4. Chapter: Unit 08: Temperature Measurements

### 1. Unit 08: Temperature Measurements Questions

#### 4.1.1. A newscast reports that the temperature at the surface of a newly d...

Author: Steve Gibbs

A newscast reports that the temperature at the surface of a newly discovered planet orbiting a distant star is -502 degrees Fahrenheit. What is wrong with this claim?

Please choose only one answer:

- One cannot measure temperatures from a distance.
- There is no temperature measure in a vacuum.
- The reported temperature is below absolute zero.
- The temperature should be reported in degrees Kelvin.
- None except this

Check the answer of this question online at QuizOver.com:

Question: [A newscast reports that the temperature at Steve Gibbs Saylor Measurement](#)

Flashcards:

<http://www.quizover.com/flashcards/a-newscast-reports-that-the-temperature-at-steve-gibbs-saylor-measurment?pdf=3044>

Interactive Question:

<http://www.quizover.com/question/a-newscast-reports-that-the-temperature-at-steve-gibbs-saylor-measurment?pdf=3044>

4.1.2. A thermocouple produces a\_\_\_\_\_.

Author: Steve Gibbs

A thermocouple produces a\_\_\_\_\_.

Please choose only one answer:

- Temperature-dependent voltage
- Temperature-dependent resistance
- Temperature-dependent mass
- Temperature-dependent capacitance
- None of the above

Check the answer of this question online at QuizOver.com:

Question: [A thermocouple produces a . Steve Gibbs @The Saylor Foundat Measurement](#)

Flashcards:

<http://www.quizover.com/flashcards/a-thermocouple-produces-a-steve-gibbs-the-saylor-foundat-measurement?pdf=3044>

Interactive Question:

<http://www.quizover.com/question/a-thermocouple-produces-a-steve-gibbs-the-saylor-foundat-measurement?pdf=3044>



4.1.3. The temperature of the healthy human body in degrees C is\_\_\_\_\_.

Author: Steve Gibbs

The temperature of the healthy human body in degrees C is\_\_\_\_\_.

Please choose only one answer:

- 98.6
- 32
- 40
- 100
- 37

Check the answer of this question online at [QuizOver.com](http://www.quizover.com):

Question: [The temperature of the healthy human body in Steve Gibbs Saylor Measurement](#)

Flashcards:

<http://www.quizover.com/flashcards/the-temperature-of-the-healthy-human-body-in-steve-gibbs-saylor-measur?pdf=3044>

Interactive Question:

<http://www.quizover.com/question/the-temperature-of-the-healthy-human-body-in-steve-gibbs-saylor-measur?pdf=3044>

#### 4.1.4. If we wish to have a very fast temperature sensor, we should be con...

Author: Steve Gibbs

If we wish to have a very fast temperature sensor, we should be concerned with\_\_\_\_\_.

Please choose only one answer:

- The specific heat capacity of the materials used in constructing the sensor
- The rate at which the sensor output is sampled
- The mass of the sensor
- The thermal conductivity of the sensor
- All of the above

Check the answer of this question online at QuizOver.com:

Question: [If we wish to have a very fast temperature Steve Gibbs @The Saylor](#)

Flashcards:

<http://www.quizover.com/flashcards/if-we-wish-to-have-a-very-fast-temperature-steve-gibbs-the-saylor?pdf=3044>

Interactive Question:

<http://www.quizover.com/question/if-we-wish-to-have-a-very-fast-temperature-steve-gibbs-the-saylor?pdf=3044>