

How To Calibrate A Thermometer Quiz Sheet

Name: _____ Date: _____ Score: _____

TRUE OR FALSE

- T ___ F ___ 1. Thermometers should be calibrated regularly to make sure the readings are correct.
- T ___ F ___ 2. When calibrating thermometers using the ice-point method, the final reading of the thermometer should be 45°F (7°C).

SHORT ANSWER

Explain the steps for calibrating a thermometer using the ice-point method.

EXERCISE

Put the following in order from 1-3.

- ___ Put the thermometer stem or probe into the ice water. Wait 30 seconds or until the reading stays steady.
- ___ Fill a large container with crushed ice and tap water. Mix well.
- ___ Rotate the head of the thermometer until it reads 32°F (0°C).

How To Calibrate A Thermometer Quiz Sheet Answers

Name: _____ Date: _____ Score: _____

TRUE OR FALSE

- T X F ___ 1. Thermometers should be calibrated regularly to make sure the readings are correct.
- T ___ F X 2. When calibrating thermometers using the ice-point method, the final reading of the thermometer should be 45°F (7°C).

SHORT ANSWER

Explain the steps for calibrating a thermometer using the ice-point method.

1. Fill a large container with crushed ice. Add clean tap water until the container is full. Mix well.
2. Put the thermometer stem or probe in the ice so that the sensing area is completely submerged. Wait 30 seconds or until the reading stays steady.
3. Hold the calibration nut securely with a wrench or other tool. Rotate the head of the thermometer until it reads 32°F (0°C).

EXERCISE

Put the following in order from 1-3.

- 2 Put the thermometer stem or probe into the ice water. Wait 30 seconds or until the reading stays steady.
- 1 Fill a large container with crushed ice and tap water. Mix well.
- 3 Rotate the head of the thermometer until it reads 32°F (0°C).