

English translation of “T-t graph-lesson10-quiz” on the main physical concepts of the learning sequence

Q1. The terms kilogram, litre, Celsius degree correspond to

1. units
2. magnitudes
3. values

Q2. The terms mass, volume, temperature correspond to

1. units
2. magnitudes
3. values

Q3. The mass of the ice is 180 L. This sentence is true or false?

1. true
2. false

Q4. In the sentence “The mass of the ice is 180 L”, the student made a mistake

1. on the unit
2. on the magnitude
3. on the value

Q5. The volume has

1. the litre as magnitude
2. the kilogram as unit
3. the litre as unit
4. the mass as magnitude

Q6. “kg” is

1. the symbol of kilogram
2. the symbol of the unit of the mass
3. the symbol of the unit of the volume
4. the symbol of the magnitude “mass”

Q7. What is the symbol of the magnitude “mass”?

1. T
2. m
3. V

Q8. When a student writes as an answer “5 kg”, he forgot to specify

1. the magnitude that corresponds to this value
2. the unit that corresponds to this value

Q9. $T = 24^{\circ}\text{C}$ is the answer to the question:

1. Which is the number of degree in the classroom?
2. What is the temperature of the classroom?