



Questions

Multiple-choice questions

Four possible answers are given for the following questions. Each question has only ONE correct answer. Choose the correct answer and mark the applicable LETTER with a cross (X).

- Which ONE of the following is not a fundamental unit of the SI system?
A. Metre
B. Second
C. Candela
D. Joule
- Which ONE of the following is not a unit of the SI system?
A. Metre
B. Hour
C. Newton
D. Joule
- Which ONE of the following is not a fundamental unit of the SI system for mechanics?
A. Metre
B. Second
C. Candela
D. Kilogram
- Which ONE of the following is not a fundamental unit of the SI system for mechanics?
A. Ampère
B. Kilogram
C. Newton
D. Joule
- The corresponding unit for newton in the CGS system is:
A. $\text{g}\cdot\text{cm}\cdot\text{s}^{-2}$.
B. $\text{g}^2\cdot\text{cm}\cdot\text{s}^{-2}$.
C. $\text{g}\cdot\text{cm}^2\cdot\text{s}^{-2}$.
D. $\text{g}^2\cdot\text{cm}^2\cdot\text{s}^{-2}$.
- The unit for power in the CGS system is:
A. $\text{g}\cdot\text{cm}\cdot\text{s}^{-1}$.
B. $\text{g}^2\cdot\text{cm}\cdot\text{s}^{-2}$.
C. $\text{g}\cdot\text{cm}^2\cdot\text{s}^{-3}$.
D. $\text{g}^2\cdot\text{cm}^2\cdot\text{s}^{-3}$.
- 345 ton of iron ore is loaded on a truck. Which one of the following combinations is correct regarding this mass?

	SI system	CGS system
A.	345 000 000 kg	345 000 000 000 g
B.	345 000 000 kg	345 000 000 g
C.	$3,45 \times 10^5$ kg	$3,45 \times 10^4$ g
D.	$3,45 \times 10^5$ kg	$3,45 \times 10^8$ g

