

#Jenny



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Cool! I'am really happy

#Markus Jensen



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My friends are so mad that they do not know how I have all the high quality ebook which they do not!

#Diego Butler



so many fake sites. this is the first one which worked! Many thanks

What to do before (Pretest)

Multiple Choice. Choose the letter of the best answer. Write the chosen letter on a separate sheet of paper.

- Which of the following represents a mole?
a. 5 g of NaCl
b. 6.02×10^{23} atoms
c. 3.01×10^{23} CH₄ molecules
d. 24 g graphite, C-atom
- Which statement is **NOT** true?
a. One mole of a substance contains a fixed number of particles.
b. One mole each of different substances have different masses and different number of particles.
c. One mole each of different substances have the same number of particles but they have different masses.
d. The formula weight of the compound is equal to one mole of that substance.
- Which statement is **NOT** true regarding the molecule C₂H₄O₂?
a. One mole of C₂H₄O₂ contains 6.02×10^{23} particles.
b. One mole of C₂H₄O₂ is equal to 90 g of C₂H₄O₂.
c. The molar mass of C₂H₄O₂ is equal to one mole of C₂H₄O₂.
d. 64 g of C₂H₄O₂ contains 6.02×10^{23} molecules.
- Which is equivalent to one mole of SH₄?
a. 28 g SH₄; 6.02×10^{23} particles
b. 32 g SH₄; 12.02×10^{23} particles
c. 64 g SH₄; 6.02×10^{23} particles
d. 32 g SH₄; 6.02×10^{23} particles
- How many molecules are there in 2 moles of H₂O?
a. 2×10^{23}
b. 6.02×10^{23}
c. 12.04×10^{23}
d. 6.02×10^{24}
- How many hydrogen atoms are there in 72 mol of H atoms?
a. 6.02×10^{23}
b. 12.04×10^{23}
c. 4.3×10^{26}
d. 6.02×10^{26}
- Which statement is correct?
a. 4 g of CH₄ is equal to 4 moles of CH₄.
b. 4 g of CH₄ is equal to 1 mole of CH₄.
c. 4 moles of CH₄ is equal to 16 g of CH₄.
d. 4 moles of CH₄ is equal to 64 g of CH₄.
- What is the mass of one-half mole of SO₂?
a. 8 g
b. 12 g
c. 24 g
d. 32 g

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Stoichiometry Multiple Choice Test Id B Answers