

# Exam Assignment

Last Modified on 03/12/2026 9:24 am EDT

Hide All Answers

## Exam Assignment

If your instructor assigns an Exam assignment, you will have a one attempt to submit an answer per question. Click **Begin Exam** to start.

Smartwork 5 CHEMISTRY: AN ATOMS-FOCUSED APPROACH, 3E student@wnorton.edu

### Midterm Exam

EXAM  
Due Date: 11/13/24

**i** Exam is accepted until **November 13th, 2024, at 11:59 PM (Eastern Time)**. Your grades will be visible after this date.

0 OF 5 QUESTIONS COMPLETED BEGIN EXAM

Question	Type	Points	Attempt	Status
01 Acrolein, a chemical produced when barbecuing meat,...	Molecule Drawing	- / 2	- / 1	Not Started
02 What is the steric number SN for each molecule below	Numeric Entry	- / 5	- / 1	Not Started
03 Rank the following electronpair geometries by increas...	Ranking	- / 1	- / 1	Not Started
04 The ballandstick representations of two naturally occ...	Dropdown List	- / 2	- / 1	Not Started
05 The following molecules contain polar covalent bonds...	Multiple Select	- / 1	- / 1	Not Started

Once you submit your attempt, feedback will not be displayed to show whether you answered the questions correctly or incorrectly. Your submitted attempt will be marked as Question Completed. To proceed to the next question, click the tab to the right of the question number.

**01 Question** (2 points)[Open Ebook section 5.1](#)

Acrolein, a chemical produced when barbecuing meat, has the chemical formula  $C_3H_4O$ . Methyl mercaptan, a component of human "bad breath," has the chemical formula  $CH_4S$ . Space-filled models of both compounds are shown below.



Acrolein,  
present in smoky barbeque



Methyl mercaptan,  
present in human "bad breath"

▼ **1st attempt**

**Part 1** (1 point)[See Periodic Table](#)

Be sure to add all bonds and lone pair electrons.

Draw the most stable Lewis structure of acrolein.

1 OF 5 QUESTIONS COMPLETED

1 of 5 Questions **NEXT** >

✓QUESTION COMPLETED

Exam grades will not be visible until after the Grades Accepted Until date or Late Work Penalty period have passed.

**Midterm Exam**

EXAM

Due Date: 11/13/24

**i** Exam is accepted until **November 13th, 2024, at 11:59 PM (Eastern Time)**. Your grades will be visible after this date.

5 OF 5 QUESTIONS COMPLETED

**REVIEW EXAM**

Question	Type	Points	Attempt	Status
01 Acrolein, a chemical produced when barbecuing meat...	Molecule Drawing	- / 2	1 / 1	Completed
02 What is the steric number SN for each molecule below	Numeric Entry	- / 5	1 / 1	Completed
03 Rank the following electronpair geometries by increas...	Ranking	- / 1	1 / 1	Completed
04 The ballandstick representations of two naturally occ...	Dropdown List	- / 2	1 / 1	Completed
05 The following molecules contain polar covalent bonds...	Multiple Select	- / 1	1 / 1	Completed