

Tutorial Lessons

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What is a Tutorial Lesson?

A Tutorial Lesson is a series of questions, consisting of one assigned "Parent" question and multiple, optional "Step" questions. These Step questions are designed to help you figure out the answer to the assigned question by reviewing its main concepts. While the Parent question is graded, the Step questions are not.

Navigating through a Tutorial Lesson

You'll be able to identify questions with a Tutorial Lesson by looking at the main assignment page, where you'll see a "T" icon and a dropdown list of the Step questions.

Question	Type	Points	Attempt	Status
01 Chemists use distinctively colored spheres to distinguish atoms of different ...	Labeling	- / 1	- / Unlimited	Not Started
02 Rank these molecules in order from fewest atoms in the molecule to most at...	Ranking	- / 2	- / Unlimited	Not Started
03 Use the particulate representations of matter A through I in the figure to ans...	Mixed	- / 3	- / Unlimited	Not Started
04 Mixtures can be separated into their component substances using various te...	Sorting	- / 1	- / Unlimited	Not Started
05 With an elevation of 29,029 ft, Mt. Everest is Earth's tallest mountain. At this...	Numeric Entry	- / 3	- / Unlimited	Not Started
06 Use the representations shown below to determine which processes represe...	Sorting	- / 1	- / Unlimited	Not Started
07 Given the diagram, answer the following questions regarding the states of m... In the reactant frame on the left, the red and blue molecules adopt the shape...	Mixed	- / 3	- / Unlimited	Not Started
08 This Smartwork course uses a fourstep approach to problem solving called C...	Numeric Entry	- / 1	- / Unlimited	Not Started
09 How many milliseconds are in the following times	Sorting	- / 1	- / Unlimited	Not Started
10 All of the following are measures of lengths. Rank the values from smallest t...	Ranking	- / 1	- / Unlimited	Not Started
11 The combustion of butane, C_4H_{10} , in the presence of gaseous oxygen yields c...	Labeling	- / 1	- / Unlimited	Not Started
12 T A farmer applies 1705 kg of a fertilizer that contains 10.0 nitrogen to his ... Tutorial Lesson (3 steps)	Numeric Entry	- / 1	- / Unlimited	Not Started
13 Watch this animation on Precision and Accuracy, and then select the terms t...	Multiple Select	- / 3	- / Unlimited	Not Started

Additionally, the questions themselves each have a button at the top of the page that says "Launch Tutorial Lesson."

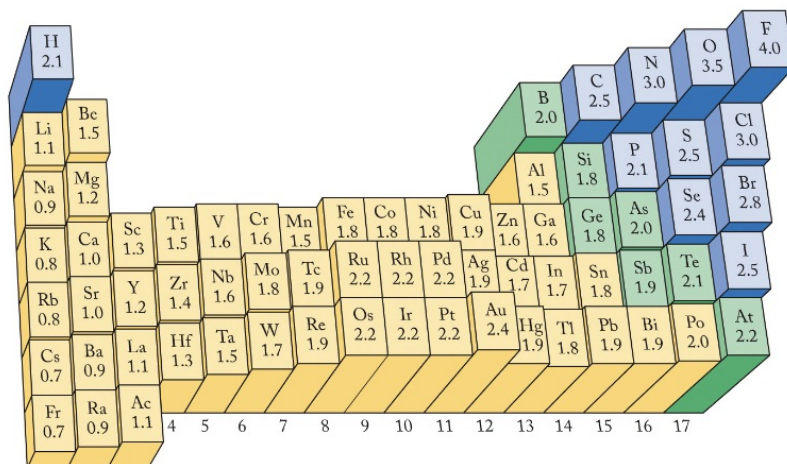
01 Question (1 point)

LAUNCH TUTORIAL LESSON



COAST Tutorial Problem

[Open Ebook section 4.2](#)



0 OF 19 QUESTIONS COMPLETED

1 of 19 Questions NEXT >

SUBMIT ANSWER

You can choose to either begin the Lesson or to proceed to directly answer the Parent question. (Since Tutorial Lessons are designed to help you better understand the concepts of the Parent question, you may not need the Lesson if you feel confident about the question topic.)

When you launch the Lesson, you'll see a page listing all Step questions. Click "Continue Tutorial" to begin working in these Step questions.

Tutorial Lesson

Tutorial Lesson

This tutorial will help you answer your assigned question.
Try answering these questions below and go back to your assignment.

- 01 Collect and Organize: Define Polar Bonds
- 02 Analyze: Calculate the Electronegativity Difference for a Bond
- 03 Solve: Rank Bonds in Order of Polarity

CLOSE TUTORIAL

START TUTORIAL

You can skip back and forth between the Steps, and you can choose to answer some or all of them. You can see how many Step questions there are and which Step you are working in by looking at the bottom of the page.



Tutorial Step

[Open Ebook section 1.9](#)

Question

A total of 1455 kg of a fertilizer contains 10.0% nitrogen.

1st attempt

Part 1

[See Periodic Table](#) [See Hint](#)

How much nitrogen is in the fertilizer?

 kg N

Part 2

[See Hint](#)

If 15.0% of the fertilizer that is applied to the field is washed into the river, how much of the nitrogen that you calculated in the above box is washed into the river?

 kg N washed

Part 3

[See Hint](#)

How many milligrams (mg) of N are washed into the river?

 mg N washed

CLOSE TUTORIAL

01

02

03

SUBMIT ANSWER

Once you have completed all of the Step questions (or have decided to exit the Lesson) you can go back to the main question page by clicking Close Tutorial.

Tutorial Step

[Open Ebook section 4.2](#)

Question

1st attempt

[See Periodic Table](#) [See Hint](#)

Choose the best definition for a "polar bond."

Choose one:

- A. low-energy bond formed by the sharing of electrons between two low-temperature atoms
- B. bond formed by the transfer of electrons creating charged ions
- C. bond formed between two atoms that unequally share the bonding electrons between them
- D. covalent bond formed by the sharing of electrons between two atoms

CLOSE TUTORIAL

01

02

03

SUBMIT ANSWER

You can review your completed Lesson from the Parent question, by clicking "Review Tutorial Lesson"

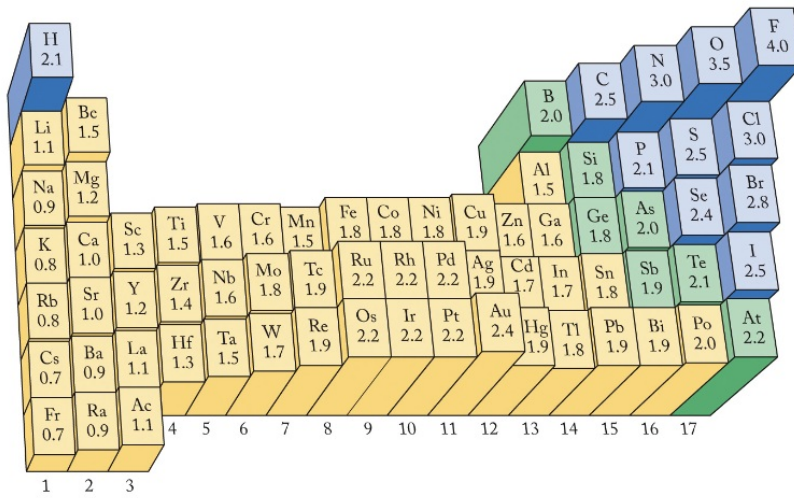
01 Question (1 point)

REVIEW TUTORIAL LESSON



COAST Tutorial Problem

[Open Ebook section 4.2](#)



1 OF 5 QUESTIONS COMPLETED

1 of 5 Questions [NEXT](#)

QUESTION COMPLETED