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Periodic table scavenger hunt worksheet

Periodic table scavenger hunt worksheet answer key. Periodic table scavenger hunt worksheet answers.

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Periodic Table Scavenger Hunt – Answer Key

Directions
Using your computer, tablet or mobile device, navigate to the website: www.ptable.com
You will interact with this periodic table to find the answers to the questions below.

1. What color element symbol designates elements that are a gas at a given temperature? **Red**
2. What family of elements does the light pink color indicate? **Transition metals**
3. Hover the cursor over Magnesium, Mg, what type of specific information is given about the element?
Atomic number, symbol, name, atomic mass, and electron count for each shell.
4. Now click on the element symbol for Magnesium, Mg. What information are you presented with?
The Wikipedia page for the element will open in a new table, students can read more in depth about the specific element.
5. What are the element symbols for the Metalloid elements?
B, Si, Ge, As, Sb, Te, At
6. What is the symbol and atomic number of the element with the most protons according to this periodic table? Click on its symbol to find out what year it was discovered.
Uuo, Atomic # 118. It was discovered in 2002.
7. If an element’s symbol is written in blue, what information does this tell you?
That element is currently in the liquid phase based on the temperature value currently selected by the slider in the top right of the table.
8. Reduce the temperature value to 0K, using the control (shown in the upper right hand side of the screen). How many gaseous elements exist at 0K according to the table? How many liquid elements exist? List the symbol of any elements that fall in these categories.
**There are no gases when the temperature is 0K.
There is only one element that exists as a liquid at 0K, it is Helium, He.**
9. Change the temperature value to room temperature, 298K. At the top of the screen, choose the “Properties” tab. How does this view differentiate between solid, liquid and gas element states?
There are only 3 colors for the elements in this view, the solids are filled in with black, liquids are blue and gases are red.

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Periodic table scavenger hunt worksheet pdf.

Whether you are teaching elementary, middle, or high school students – we have a periodic table scavenger hunt for you! With 3 levels of difficulty, this periodic table game includes nearly all of the elements.Periodic Table Scavenger HuntBoth students in classrooms and homeschool will enjoy completing this science scavenger hunt. It’s a hands-on activity that brings learning to life.Instructions1. Select an age-appropriate periodic table scavenger hunt.There are 3 levels of difficulty to accommodate elementary, middle, and high school students.2. Download and print the PDF files. The PDF files for each age group are available at the end of this post.3. Gather supplies.Each participant will need a copy of the periodic table of elements scavenger hunt and a pen or pencil.4. Find the elements. Challenge students to find the elements in everyday life. Each element in the scavenger hunt is represented by its name and an icon. The icon represents an item that is made with the element.5. Mark off the elements.When a student finds an element, they place an X over that element’s name and icon.6. Encourage creativity. Encourage students to find items made with the elements, besides the icon on the scavenger hunt. The icon is an example and a starting point for the child.7. Complete the periodic table game. The game is over when time runs out, or all of the elements are marked.Variations of the GameTry a Periodic Table of Elements photo scavenger hunt to add a tech or creative facet to the game.Note: The level 3 scavenger hunt does not include icons. Since these elements are less common in everyday life, students will complete the scavenger hunt online by researching each element.3 Levels of DifficultyPeriodic Table Scavenger Hunt for Elementary SchoolFor younger students who are just beginning to learn about the periodic table, the Level 1 Scavenger Hunt is a perfect introduction to the elements.Students can find each item around the house or in a school. Here are a few examples of the element and coordinating icon:Copper | Cord with PlugTungsten | LightbulbNickel | CoinsCalcium | ChalkPeriodic Table Scavenger Hunt for Middle SchoolFor middle school students, the Level 1 Scavenger Hunt would be appropriate as a refresher on the Periodic Table of Elements.Then, use the Level 2 Scavenger Hunt to challenge middle school students. Completing the Level 2 Hunt will expand their knowledge of the elements in an engaging way.Periodic Table Scavenger Hunt for High SchoolFinally, for high school students, the Level 3 Scavenger Hunt challenges older students. It is more difficult and requires research. Teens will enjoy the competitive challenges, while also learning (similar to activities such as trivia questions, board games, and escape rooms).Unlike levels 1 and 2, the elements found in the Level 3 Scavenger Hunt are not as common or as accessible in everyday life (such as medical equipment).Therefore, the Periodic Table Scavenger Hunt for High School does not have icons. Instead, students fill out a periodic table worksheet defining the following for each element:how the element is used andwhere the element is found.Download the Periodic Table Scavenger Hunt PDFAll of our free scavenger hunts are available to Scavenger Hunt Ideas subscribers! Subscribing is free, and signs you up for email updates.

Periodic Table Puns Answer Key

Periodic Table Puns 1

1. What you do in a play - Actinium - Ac
2. What you do to a wrinkled shirt - Iron - Fe
3. "Tasty" part of your mouth - Tungsten - W
4. Someone who likes to start fires - Arsenic - As
5. Superman's weakness - Krypton - Kr
6. Your brother or mine - Bromine - Br
7. Extinct - Argon - Ar
8. Imitation diamond - Zirconium - Zr
9. A type of flower - Germanium - Gr, Rhodium - Rh, or Gadolinium - Gd
10. Las Vegas lights - Neon - Ne
11. Police - Copper - Cu
12. Golden State - Californium - Cf
13. Name of a goofy convict - Silicon - Si
14. Mr. Mony's enemy - Antimony - Sb
15. What you do to flowers - Platinum - Pt
16. What you did to ripped jeans - Sodium - Na
17. A "prize" element - Nobelium - No
18. A very smart person - Einsteinium - Es
19. Person from the big blue planet - Neptunium - Np
20. A fur seller - Sulfur - S

Periodic Table Puns 2

1. Not an exciting person - Boron - B
2. Thanksgiving guests - Indium - In
3. Get clean with this - Chlorine - Cl
4. Drive away in style in a ____ - Neon - Ne or Mercury - Hg
5. Does a body good - Calcium - Ca or Iron - Fe
6. Proud to be an ____ - Americium - Am
7. Mickey's pal - Plutonium - Pu
8. Warrior Princess - Xenon - Xe
9. A nice guy - Palladium, Pd or Samarium - Sm
10. Someone who loves computers - Technetium - Tc
11. The first person in a race has the ____ - Lead - Pb or Gold - Au
12. E = mc² - Einsteinium - Es
13. This man followed the yellow brick road - Tin - Sn
14. How to tell a secret - Tellurium - Te
15. Monday night TV show - Nitrogen - N
16. A phrase from Dr. Suess- Samarium - Sm
17. What a doctor does to his patients - Curium - Cm, Helium - He, or Barium - Ba
18. Part of a whole - Hafnium - Hf
19. Place for washing dishes - Zinc - Zn
20. Drink in an AI can - Sodium - Na
21. Happens when you lasso a horse - Europium - Eu
22. What a dog does with a bone - Barium - Ba
23. A sinking ship - Titanium - Ti
24. What a cloud does - Uranium - U

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We'll let you know:when we have new free scavenger hunts available andwhen we run special sales on our dry-erase scavenger hunts! More Periodic Table Games The periodic table is a great topic and a favorite of most chemistry teachers. Introducing the concept of the elements to your class for the first time is a great feeling, and hopefully, they will share your enthusiasm for it! However, this topic is very visual, and worksheets can go a long way to keeping your students engaged throughout the topic. Searching for worksheets online can be time-consuming, so we have done it for you, and rounded up our favorites. Most of these worksheets cover atomic number, atomic mass, and elements symbols and will be suitable for Grade 5 upward. Table of Contents This excellent resource from Teach Simple is a great way to introduce your class to the periodic table. They will use the table to fill in information about various elements, including atomic number, symbol, and atomic mass. Students can then research the element and find out when it was discovered. A good activity for Grade 8 students. This Teach Simple lesson bundle will allow you to easily introduce the concept of atoms and the periodic table to your middle school class. It includes 2 PDFs, 2 PowerPoint, and 4 Word documents explaining the discovery of the atom and the periodic table. It also comes with answer keys to allow for peer assessment. Get your students excited about the periodic table with these element baseball cards from Teach Simple. Students use the periodic table to make up baseball-style cards about an element of their choice. It works well as a group activity, with each group then presenting their card to the rest of the class. This simple worksheet requires pupils to use the periodic table to fill in information about 20 different elements. They are given either the symbol, name, atomic number, or atomic mass, and they must find the element and complete the rest of the details. It comes with an answer key to allow for peer marking. This worksheet will keep your class busy for a while! Consisting of a table with six columns to be completed for 20 different elements, your student will be element experts by the end of the lesson! This interactive worksheet can be completed on an electronic device or printed as a PDF. As a chemistry teacher, you will likely have challenged your classes to spell out words using the periodic table, but it can be hard to come up with examples of these quickly! These worksheets from Homeschooling Ideas will allow your students to have fun and familiarise themselves with element symbols without you having to come up with the words yourself. Categories include animals and cities, and it includes an answer sheet. This revision worksheet will consolidate your students' knowledge of the periodic table, with questions covering group properties, protons, neutrons and electrons, and properties of metals. A good revision exercise for Grade 5 upward. This colored elements worksheet is a great resource to use while introducing the periodic table and as a consolidation exercise afterward. It tests their knowledge of atomic numbers and symbols of the first four rows of elements. Perfect for 6th graders, it can be printed as a PDF. This simple worksheet contains a blank periodic table for your class to fill in as they learn about the elements. They can label the different groups and color the solids, liquids, and gases. Liven up your lessons with this periodic table lab station activity. Pupils will be out of their seats and engaged in their learning. Covering the periodic table and its history. These innovative resources from Sunrise Science are a fabulous way to bring fun to your periodic table lessons and help your class to see the patterns between the elements. With several different activities, including an element scavenger hunt and periodic people, you are bound to find a lesson idea that suits you. Finding science worksheets online is easy, but finding high-quality ones is a much harder task. Often it can take just as long to trawl through the poor-quality free worksheets that are available as it would to create your own. The whole point of using ready-made worksheets is to save you time, not to cause more frustration and stress. Paying for premium worksheets may seem like a more reliable way to get quality materials. However, the cost of this can soon add up since most sites charge per resource, meaning paying upfront for a worksheet before you even know its quality. The solution to finding the perfect worksheet is a Teach Simple subscription. For a low-cost monthly fee, you can have access to thousands of high-quality materials made by experienced teachers, and you can see the resources before you download them. If a worksheet isn't exactly what you were looking for, you can simply download another, since you have unlimited downloads. This way, you can afford to use high-quality materials to enhance every lesson, keeping your students engaged. A good periodic table worksheet can play a big part in an engaging lesson. Sign up to Teach Simple today and start creating interesting lessons using a variety of sources and support fellow teachers at the same time. Grab your periodic table and search for the answers to this Periodic Table Scavenger Hunt!Fun Periodic Table Scavenger HuntUse a periodic table to hunt up the answers to these 20 periodic table questions. The reward for your hard work is an expanded knowledge of how to use a periodic table!Download the PDF of this worksheet for easier printing. If you need the answers, simply take a look at the answer key. If you need to print the answer key, use this PDF.Happy Hunting!Related Posts