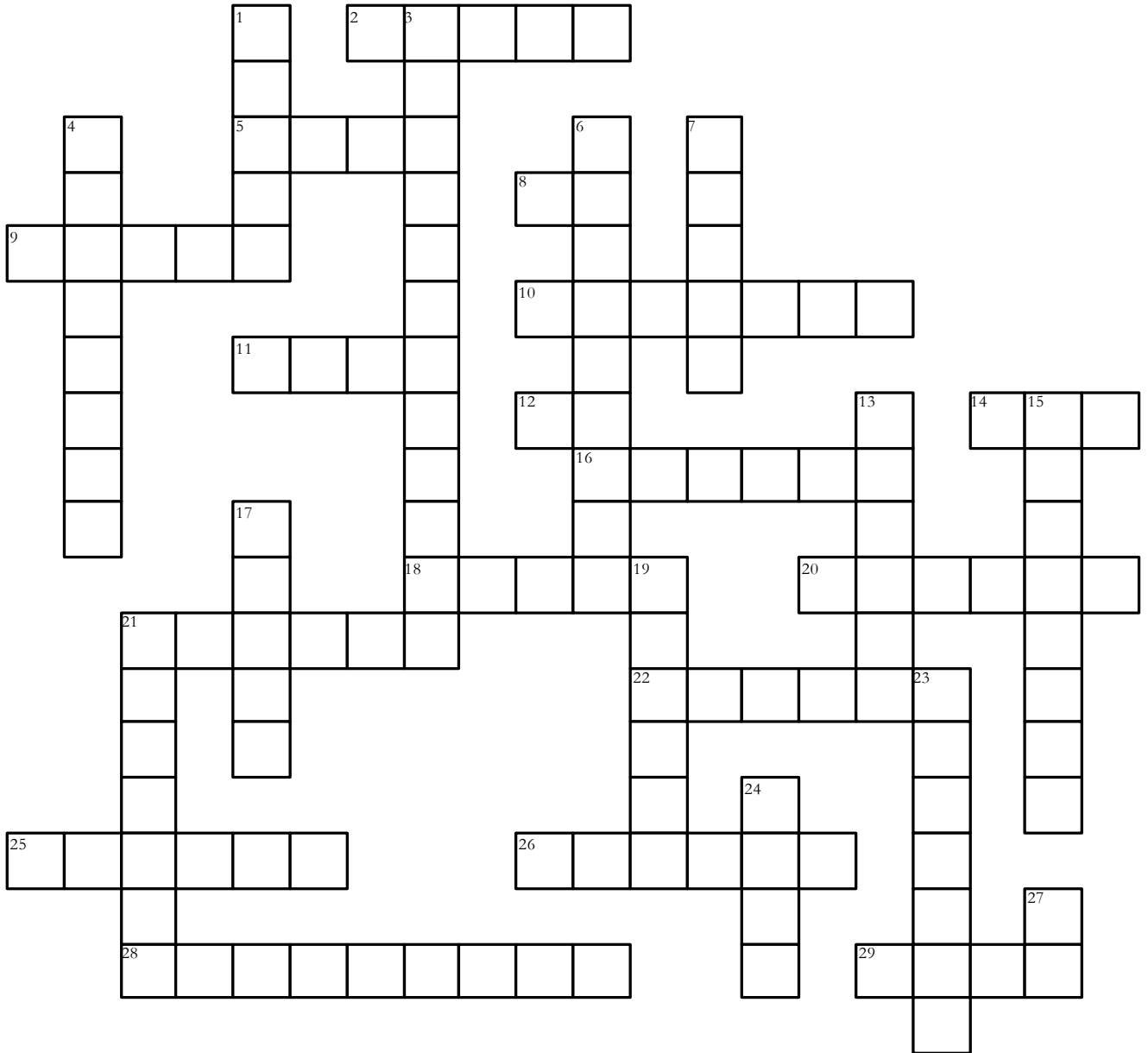


# The Periodic Table



# The Periodic Table

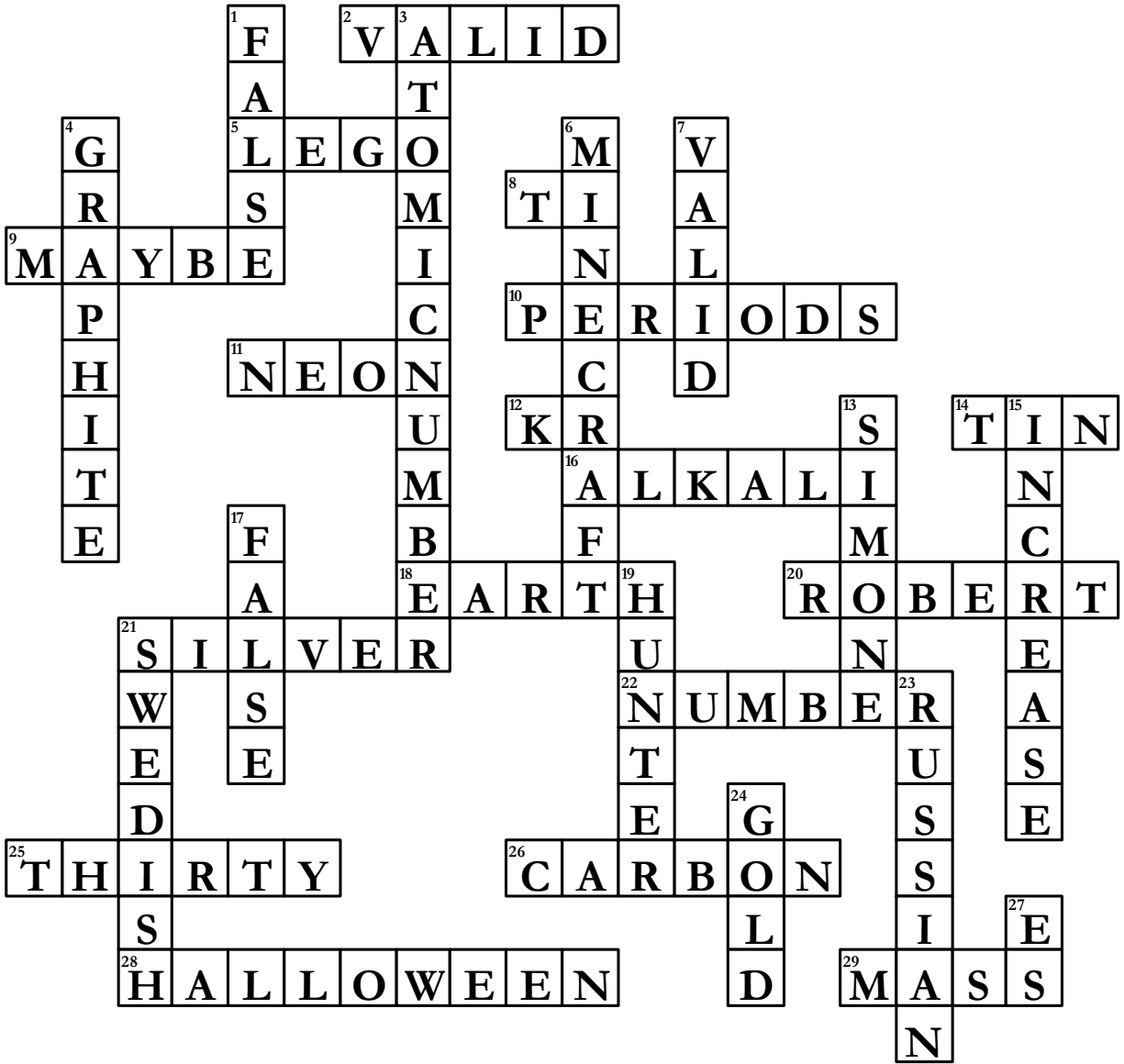
## ACROSS

- Valid or false: Different kinds of atoms are called elements
- "\_\_\_\_\_ Marvel Super Heroes" was a popular video game in 2014 (Hint: bricks)
- Sia sang a hit song in 2011. What is the chemical symbol for this song title?
- Huge 2012 hit song "Call Me \_\_\_\_\_"
- The rows in the periodic table are called \_\_\_\_\_
- Which element is used in McDonald's and Burger King's store signs?
- Chemical symbol for the element that weakens the superhero in a Taylor Swift song
- Take the atomic number of uranium and subtract the atomic number of molybdenum. That answer represents the atomic number of which chemical element?
- Group 1 of the table includes the \_\_\_\_\_ metals
- Group 2 is made up of alkaline \_\_\_\_\_ metals
- First name of the actor who plays "Fe Man"
- The name of the Lone Ranger's horse or the element with the symbol Ag
- On the periodic table there is a "1" above the element with the symbol "H". The "1" stands for atomic \_\_\_\_\_
- When you add the atomic numbers of calcium, beryllium and carbon, what number do you get?
- Which element do all living things have?
- What is celebrated across the U.S. on October 31st?
- The standard atomic weight is the average \_\_\_\_\_ of an element expressed in "amu"

## DOWN

- Valid or false: All of the elements on the periodic table occur naturally in nature
- Elements on the table are organized by \_\_\_\_\_
- Instead of your pencil containing Pb, it actually is made of a mineral called \_\_\_\_\_
- Video game now owned by Microsoft that parents, kids and teachers love
- Valid or false: Mercury is considered a metal element
- "Because there are more non-metals in nature, I think the periodic table has more non-metal elements," said Chelsea. Simone disagreed and said "Most of the periodic table is composed of metals." Who was correct?
- Do the rows of elements increase or decrease in atomic number?
- Valid or false: "Ir" is the chemical symbol for iron
- \_\_\_\_\_ Hayes had a big 2015 hit song with the title that matches the atomic number of Scandium
- Lars Fredrik Nilson discovered the element between calcium and titanium on the periodic table. What nationality was he?
- In 1869 the chemist Dmitri Mendeleev developed the original periodic table. What nationality was he?
- Which element has the atomic weight closest to 197?
- What is the chemical symbol of the element named after the scientist who developed the equation  $E = mc^2$ ?

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Source: Science Classroom Crossword Puzzles