

Name _____ period _____

8th grade DO NOW

WEEK 3

8.5B Identify that protons determine an element's identity, and valence electrons determine its chemical properties including reactivity.

Date _____

The periodic table gives the element's symbol and name. It also gives the atomic mass and atomic number. What should you do to find the number of protons in an element?

1. Underline the question.
2. Box the important vocabulary words.
3. Tell something else you know about this topic.

4. Answer the question in the space below.

D H O B S H N E P T U N E Y
U E J I H U N Y S T H A O R
D N A U U E E E M A E N W A
W N A I P L U T O N A O D H
A G H P L I Z O O E R U S U
R D E I H C T M N W T N S H
F H Y H O P B E O Q H I U E
R A C O E A A R R T E O A E
U S A T U R N C P L A N E T
R T A E H F T U E U L E E E
I E U C U F A R O V C E I O
A R F A I R A Y A O E I R H
T O A I N I A B E A R N A E
O I A T E O E N A A E H U A
E D I D D O E D U T S E T S
E S Z E E H O P H S L U M S

VENUS
EARTH
MARS
CERES
ASTEROIDS
JUPITER
SATURN
NEPTUNE
URANUS
PLUTO
DWARF
PLANET
MOON

Date _____

The group number is found at the top of each column on the periodic table. Each group has a different set of chemical properties such as being very reactive and others being non reactive. What structure accounts for the similarities in the chemical properties of elements?

1. Underline the question.
2. Box the important vocabulary words.
3. Tell something else you know about this topic.

4. Answer the question in the space below.

Date _____

Elements are placed in the same group because they have the same reactivity. What element has the same number of valence electrons as Neon?

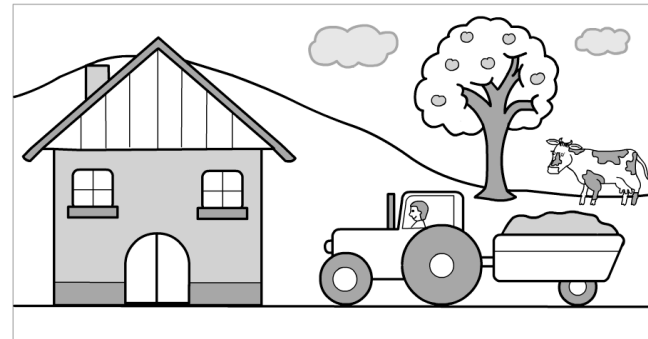
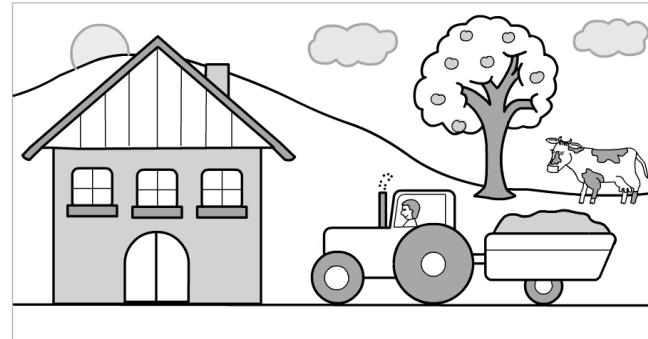
1. Underline the question.
2. Box the important vocabulary words.
3. Tell something else you know about this topic.

4. Answer the question in the space below.



NAME: _____

THERE ARE 10 DIFFERENCES BETWEEN THOSE TWO PICTURES. FIND THEM AND MARK THEM WITH A CROSS.



for more printables visit www.bravekidgames.com
BRAVE KID GAMES, brain-teasing, non-violent fun for kids