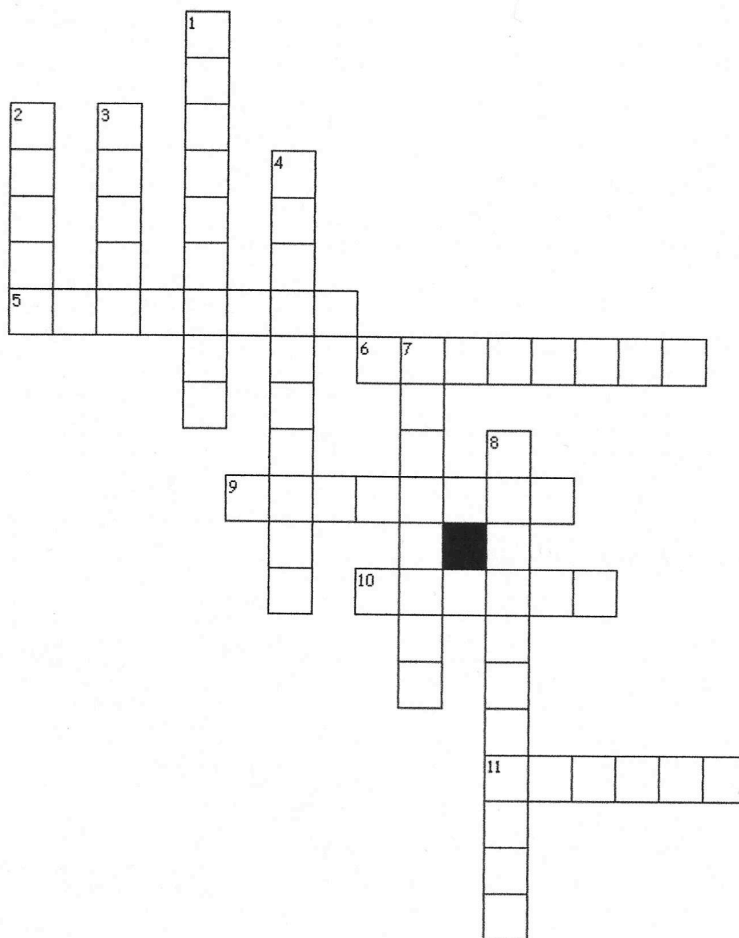


Chapter 7 Vocabulary and Concepts - Science 8



Across

- _____ properties can be seen through direct observation (density, color, melting point)
- _____ properties can be seen when a substance changes into another substance
- the element that makes up 78% of the atmosphere
- a row on the periodic table
- the element that is found in graphite and diamonds

Down

- period=5 group=2
- a column on the periodic table
- a solid mixture of a metal and another element
- located above and below the bold steps on the periodic table
- located in group 17
- the pattern of chemical and physical properties among the elements in one row

11 of 11 words were placed into the puzzle.

Created by Puzzlemaker at DiscoveryEducation.com

Name _____

Date _____ Pd. _____

Lesson 7.1- Periodic Table Worksheet

DIRECTIONS: Use your periodic table to fill in the following chart.

<u>Element Name</u>	<u>Atomic #</u>	<u>Period</u>	<u>Group</u>	<u>Element type</u>
Neon				Noble Gas
	20			
		5	II	
Iodine				
	5			Metalloid
		4	I	
Carbon				Non-Metal
	51			
		3	2	

DIRECTIONS: Complete each sentence.

- The "s-orbitals", excluding 1s, contain elements in groups _____.
- The _____ are all in group 18.
- Three metalloids are _____, _____, _____, which are above and below the _____.
- The alkali metals are in group _____. Two examples are _____ and _____.
- The _____ are in group 2. _____ is in group 2 period 3.
- _____ are between the non-metals and noble gases. They are in group _____.