



# Independent Practice

Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Part I: Riddle

**Directions:** Use the clues to fill in the missing words. Then match the numbers under the letters to find the answer to the riddle.

1. This is measured using a graduated cylinder.

\_\_\_ 2 L 7 \_\_\_

2. This measurement is found by using a balance.

M \_\_\_ 6 \_\_\_

3. This tool is used to measure how hot or cold something is.

\_\_\_ 1 \_\_\_ R \_\_\_ 3 \_\_\_ R

4. Examples of these could be how a substance behaves when mixed with water, its state of matter, or its mass.

P \_\_\_ T 9 \_\_\_

5. All three of these are represented by a plastic bottle filled with lemon-lime soda.

\_\_\_ T \_\_\_ M \_\_\_ 8 \_\_\_

6. This is what happens when vinegar and baking soda are combined.

R \_\_\_ 5 \_\_\_ 10 \_\_\_

7. Everything around me is this, even if it cannot be seen!

M \_\_\_ 4 \_\_\_

8. The sugar in soda does this because it does not settle at the bottom of its container.

\_\_\_ S S \_\_\_ 12 \_\_\_ 11 \_\_\_

## What runs faster, cold or hot?

\_\_\_ 1 \_\_\_ 2 \_\_\_ 3 , b \_\_\_ 4 \_\_\_ 5 \_\_\_ 6 \_\_\_ 7 \_\_\_ 8 \_\_\_ 4 \_\_\_ 9 \_\_\_ 2 \_\_\_ 7 \_\_\_ 5 \_\_\_ 6 \_\_\_ 10 \_\_\_ 5 \_\_\_ 6 \_\_\_ 3 \_\_\_ 5 \_\_\_ 1 \_\_\_

\_\_\_ 6 \_\_\_ 5 \_\_\_ 2 \_\_\_ 11 \_\_\_ 12 !



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## Part II: Word Search

**Directions:** Using the clues below, find the hidden vocabulary words.

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

1. When you observe an object, you can see many of its \_\_\_\_\_.
2. Rough or smooth. \_\_\_\_\_
3. One of the distinct forms that matter can be. \_\_\_\_\_
4. Solids, liquids, and gases are all forms of this. \_\_\_\_\_
5. Amount of space taken up. \_\_\_\_\_
6. The amount of matter in an object. \_\_\_\_\_