

THE ASIAN INTERNATIONAL SCHOOL

SCIENCE MOVERS 1

REVIEW FOR MIDTERM 2 TEST

Student's English name: Class:

Unit 8.2 "What are some ways matter can change?" (page 94)

1. Fill in the gaps.

evaporate liquid sinks mixture separate

- 1) A _____ is something made up of two or more kinds of matter.
- 2) You can _____ a mixture to see its parts.
- 3) You can let the water _____.
- 4) Evaporate means to change from a _____ to a gas.
- 5) Solid matter, like sand, _____ in water.

2. Mark (✓) mixtures.

- ☐ a) a fruit salad
- ☐ b) an apple
- ☐ c) sand and water
- ☐ d) salt and water
- ☐ e) water

Unit 8.3 "How can water change?" (pages 95-97)

3. Matter can be changed. Water is matter. How can it change?

solid	liquid	gas	ice	temperature
	melt	boils	volume	

- 1) When water changes from a liquid to a _____, it becomes _____.
- 2) The _____ at which water changes into ice is 0 °C.
- 3) When water vapor cools down, it changes from a _____ to a _____.
- 4) Ice and snow _____ when the air warms.
- 5) Water _____ and changes to water vapor when it reaches 100 °C.
- 6) _____ is the amount of space matter takes up.

4. Read and circle T (True) or F (False).

The volume of a liquid stays the same when it is poured into different kinds of containers.



Container 1



Container 2



Container 3

The same amount of water was used to fill each of these containers.

1. The water takes the same shape in each container. T / F
2. There is more water in Container 1 than in Container 2. T / F
3. The volume of water in each container is the same. T / F

Unit 9.1 "What is sound" (pages 101-103)

5. Fill in the gaps.

sound pitch back volume hear

- 1) Sound is a form of energy. You _____ sound.
- 2) When an object vibrates, it makes _____.
- 3) Vibrate means to move quickly _____ and forth.
- 4) _____ means how low or high a sound is.
- 5) _____ means how loud or soft a sound is.

6. Read and circle T (True) or F (False).

- | | |
|--|-------|
| 1. You hear sounds from objects that vibrate. | T / F |
| 2. Vibrate means to move slowly in one direction. | T / F |
| 3. Vibrations travel through the air to your ears. | T / F |

7. Mark objects (✓) that make low pitch sounds.

☐☐☐☐

8. Volume: Soft (S) or Loud (L)?

☐☐☐☐

9. Look, read, and underline correct answer.



A tuba vibrates *quickly* / *slowly*.
It makes *high* / *low* pitch sound.



A flute vibrates *quickly* / *slowly*.
It makes *high* / *low* pitch sound.

Unit 9.2 "What are motion and force? (pages 104-106)"

10. Match.

Motion	means you push a truck one way and then another way.
Zigzag	is the act of moving.
A force	is a push or a pull that makes something move.
surface	An object will move in the ____ you push or pull it.
direction	How fast and far an object moves depends on the ____.

11. Label the pictures.

back and forth
zigzag

around and around
straight line





12. Read. Fill in the gaps.

attract pole magnets repel

_____ can push or pull some metal objects.

_____ means to pull toward.

_____ means to push away.

A _____ is the place on a magnet that has the strongest push or pull.

13. Read and circle T (True) or F (False).

1. Two south poles together attract each other.

T / F

2. Opposite poles attract each other.

T / F

3. If poles repel, they move toward each other.

T / F