



Name: _____

Date: _____ ID: A

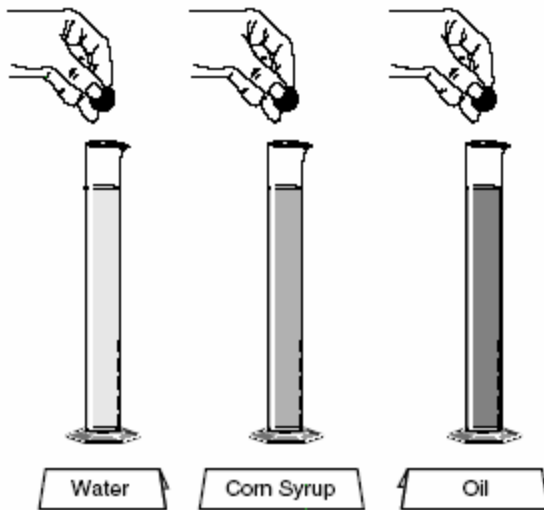
Science Grade 6 Lesson 7 Practice Exercise 7-2

Multiple Choice

Identify the letter of the choice that best completes the statement or answers the question.

- _____ 1. Sarah wants to know if her hermit crabs prefer sunlight or shade. What is the best way for her to find out?
- Place her hermit crabs in the sunlight and see if they move to the shade or stay in the sunlight.
 - Place her hermit crabs in the shade and see if they move toward the sunlight or stay in the shade.
 - Place her hermit crabs in a box between the sunlight and shade and see which way they crawl.
- _____ 2. A scientist needs to take a picture of the well-ordered arrangements of the atoms and molecules within a substance. Which of the following instruments would be *best* for the scientist to use?
- | | |
|------------------|---------------------------------|
| a. a seismograph | c. a laser light with holograph |
| b. a stereoscope | d. an electron microscope |
- _____ 3. Which of the following is the **best** way to investigate the effect of fertilizers on tomato plants?
- Add fertilizer to several plants and change the amount of water given to each.
 - Put several plants outdoors and several indoors.
 - Grow several plants under various temperature conditions, but keep the amount of fertilizer the same for each.
 - Grow several plants under the same conditions, but change the amount of fertilizer added to each.

_____ 4. Which of these is the fairest way to find out if sand or silt will settle faster when mixed with water?



_____ 5.

A student uses the equipment shown above to study which liquid is the thickest. What information is the most appropriate to record?

- a. The size and mass of each of the marbles
- b. The time it takes for each marble to hit bottom
- c. The volume of each of the liquids in the cylinders
- d. The height of each of the graduated cylinders

**Science Grade 6 Lesson 7 Practice Exercise 7-2
Answer Section**

MULTIPLE CHOICE

- | | |
|-----------|----------|
| 1. ANS: C | KEY: 7-2 |
| 2. ANS: D | KEY: 7-2 |
| 3. ANS: D | KEY: 7-2 |
| 4. ANS: C | KEY: 7-2 |
| 5. ANS: B | KEY: 7-2 |

Name: _____ Class: _____ Date: _____

ID: A

MULTIPLE CHOICE

- | | | | | | |
|----|-----|-----|-----|-----|-----|
| 1. | (A) | (B) | (C) | (D) | (E) |
| 2. | (A) | (B) | (C) | (D) | (E) |
| 3. | (A) | (B) | (C) | (D) | (E) |
| 4. | (A) | (B) | (C) | (D) | (E) |
| 5. | (A) | (B) | (C) | (D) | (E) |