



Science Toolkit: Grade 8 Objective 1.C.1.a

Student Handout: Science: Grade 8 Objective 1.C.1.a

Standard 1.0 Skills and Processes

Topic C. Communicating Scientific Information

Indicator 1. Develop explanations that explicitly link data from investigations conducted, selected readings and, when appropriate, contributions from historical discoveries.

Objective a. Organize and present data in tables and graphs and identify relationships they reveal.

Selected Response (SR) Item

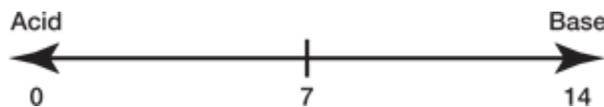
Question

Use the information below to answer the following:

Unknown Liquid Demonstrations

A science teacher played a short video of two demonstrations that used the same unknown clear liquid.

Demonstration 1: The teacher in the video placed one drop of the unknown clear liquid onto a piece of pH paper. The pH paper turned red, indicating a pH of 2.



Demonstration 2: The teacher in the video placed a beaker containing a copper penny under an operating fume hood, which safely removes gases. With the fume hood running, the teacher placed one drop of the unknown clear liquid on the copper penny. A dark red gas and a blue liquid immediately formed.

The students recorded data from both demonstrations in the table shown below.

UNKNOWN LIQUID DEMONSTRATIONS

	?
pH Paper	
Copper Penny	

The best title for the second column is

- A. Materials Used
- B. Gases Released
- C. Liquids Produced
- D. Demonstration Results

Correct Answer

D. Demonstration Results

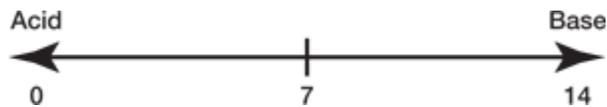
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