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# Acid–Base Rainbow Fountain Worksheet

## Observations/Notes

## Discussion Questions

1. Draw a picture of the apparatus, naming major components. What solutions were initially present in the bottle(s) and the connector?

2. Describe the water flow and color changes when the bottle was inverted.

3. Explain the water flow in terms of the pressure in each bottle. What was the purpose of using an indicator in the Hero's fountain?

4. Would a drinking straw work in space where there is no atmospheric pressure? Explain.

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