

# Section 6 Assessment



## Vocabulary

Draw lines to match each definition with the correct term.

- |   |   |                      |
|---|---|----------------------|
| 1 | the factor in an experiment that is changed   | dependent variable   |
| 2 | a factor that doesn't change in an experiment   | independent variable |
| 3 | the variable that changes as a result of changing the independent variable in an experiment | constant             |

## Drop Shape

- 4 Label each drop below to show which is plain water and which is soapy water.



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## Surface Tension

- 5 Carefully place the pin on the surface of the water in the cup. What does the pin do?

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- 6 Now place a drop of detergent in the water. What happens to the pin when you add the detergent?

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- 7 Explain what happened in terms of surface tension.

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