

Name:

Date:

# PROPERTIES OF MATTER

## VISCOSITY

### Activity 1

Let's test viscosity.

A) You need:

- Two identical jars

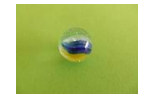
- Water

- Washing up liquid



- Two identical marbles

B) Instructions and diagram:

1. Pour the liquids into the jars up to the same level.
2. Drop a marble into each jar. Remember!
  - ...from the same height.
  - ...at the same time.

### Diagram

C) What happens? \_\_\_\_\_

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D) Why? \_\_\_\_\_

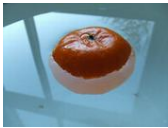
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\_\_\_\_\_

E) DEFINITION: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



### Activity 1

- C) - The marble in the *water/washing up liquid* falls *slower/faster* than the marble in the *water/washing up liquid*.
- D) - Because *water/washing up liquid* is less viscous than *water/washing up liquid*.