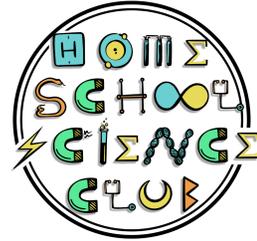


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Name _____

Date _____

OUBLECK!

1. True or False: The Law of Viscosity was first discussed by Johannes Kepler.

2. Circle all the states of matter listed below:

- A. Solids
- B. Carbon
- C. Gases
- D. Alloys
- E. Liquids
- F. Plasma

3. A substance that changes its viscosity due to a change in sheer pressure is called a

- A. Newtonian fluid.
- B. Non-newtonian fluid.
- C. Compound molecule.
- D. element.
- E. Noble gas.

4. What are two examples of non-Newtonian fluids discussed in the video.

5. In the space below, draw additional examples of non-Newtonian fluids you might find around your house.

Oobleck!- ANSWER KEY

1. True or False: The Law of Viscosity was first discussed by Johannes Kepler.

FALSE-THIS IS CREDITED TO SIR ISAAC NEWTON

2. Circle all the states of matter listed below:

- A. Solids
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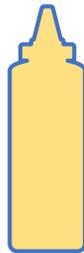
3. A substance that changes its viscosity due to a change in shear pressure is called a

- A. Newtonian fluid.
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- D. element.
- E. Noble gas.

4. Name are two examples of non-Newtonian fluids discussed in the video.

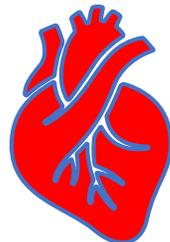
Oobleck and Toothpaste

5. In the space below, draw additional examples of non-Newtonian fluids you might find around your house.



Common Examples:

Ketchup
Mayonnaise
Yogurt/Custard
Shampoo



Fun fact: Blood is a non-Newtonian fluid

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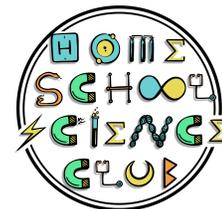
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