**ANSWERS: Experiments or demonstrations involving polarity**

Stream of water is deflected.

Stream of cyclohexane is not deflected.

The **polar water molecules** are affected by the charged ruler (unlike charges attract). This causes the stream of water to be deflected towards the charged ruler.

The **non-polar cyclohexane** molecules are not affected by the charged ruler; therefore the cyclohexane flows without being deflected.

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