

The background is a light blue gradient with several realistic water droplets of various sizes scattered across it. The droplets have highlights and shadows, giving them a three-dimensional appearance. The text is centered on the page.

# Surface Tension

You have seen it and experienced it!

So what is it?

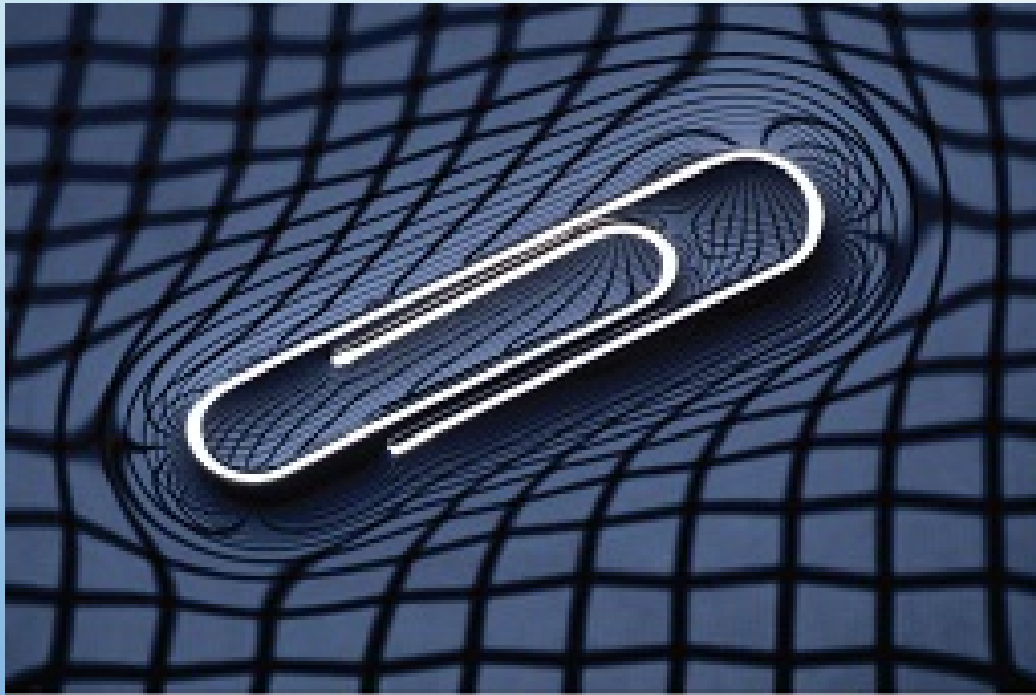
Have you ever done a belly flop?

If so, think about how it felt. How would you describe it to someone?



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Can you think of any similarities between a belly flop, the metal paper clip, and a water strider? What about some differences?

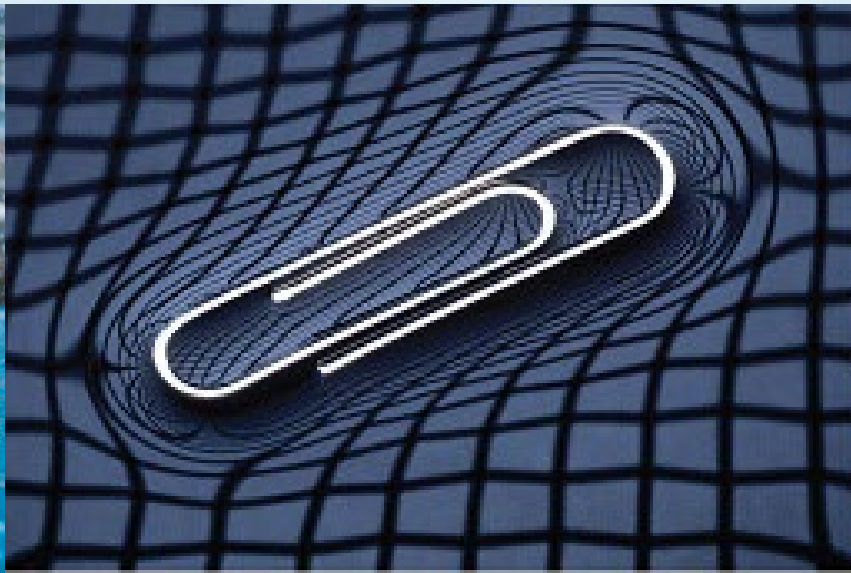


(a)



(b)

Why does the girl sink and paper clip & water strider stay on top of the water?



HINT! The Answer is Two Words

The background is a light blue gradient. In the top-left corner, there are several water droplets of various sizes, some overlapping. In the bottom-right corner, there is a cluster of water droplets, including a large one and several smaller ones. The text "Surface Tension" is centered in a dark blue, rounded font.

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# Hint #1



[https://en.wikipedia.org/wiki/Surface\\_tension](https://en.wikipedia.org/wiki/Surface_tension)

What type of observations can you make from this picture?

# Hint #2



How is this picture similar to the first one?

<https://interestingengineering.com/the-science-behind-exploding-water-droplets-is-simpler-than-we-thought>



# Hint #3



How is this picture similar to a person doing a belly flop?

<https://interestingengineering.com/the-science-behind-exploding-water-droplets-is-simpler-than-we-thought>