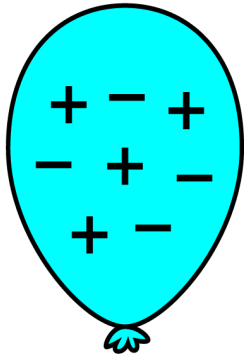


Name: _____

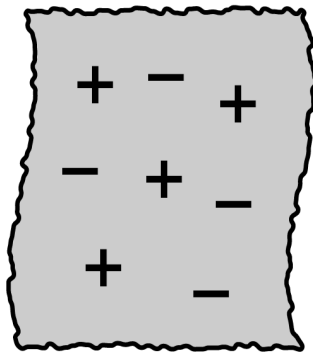
Static Electricity

Rubbing a balloon with wool cloth will create static electricity charges.

This balloon has **not** been rubbed with the wool cloth.

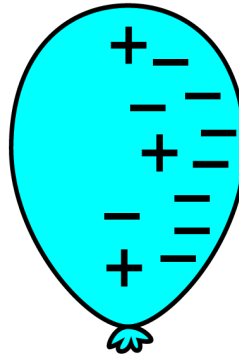


balloon

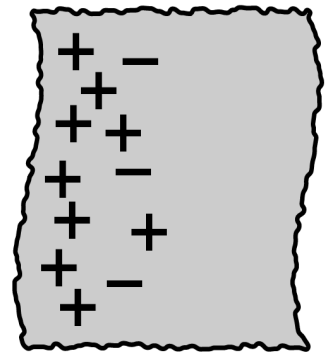


wool cloth

This balloon **has** been rubbed with the wool cloth.



balloon



wool cloth

In Picture 1, do

In Picture 1, do



~ PREVIEW ~

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In Picture 2, does the balloon have a positive charge, negative charge, or no charge? _____

In Picture 2, does the cloth have a positive charge, negative charge, or no charge? _____

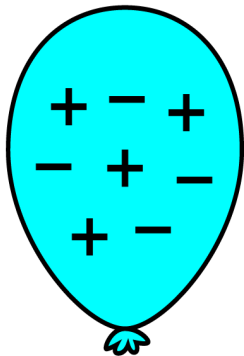
If you place small pieces of tissue paper near the balloon in Picture 2, they would probably stick to the balloon. Explain why.

ANSWER KEY

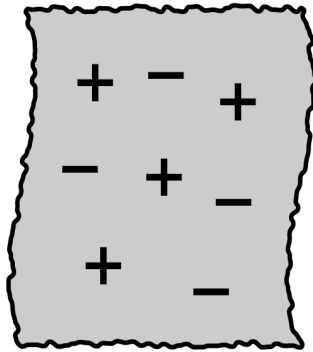
Static Electricity

Rubbing a balloon with wool cloth will create static electricity charges.

This balloon has **not** been rubbed with the wool cloth.

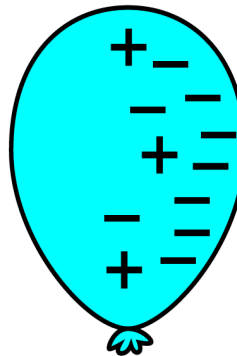


balloon

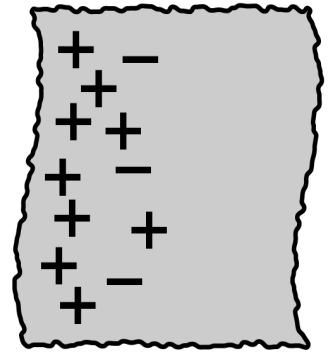


wool cloth

This balloon **has** been rubbed with the wool cloth.



balloon



wool cloth



PREVIEW

Please log in or register to download the printable version of this worksheet.

In Picture 1, does the balloon have a positive charge, negative charge, or no charge? **neutral**

neutral

In Picture 1, does the cloth have a positive charge, negative charge, or no charge? **neutral**

In Picture 2, does the balloon have a positive charge, negative charge, or no charge? **negative**

negative

In Picture 2, does the cloth have a positive charge, negative charge, or no charge? **positive**

positive

If you place small pieces of tissue paper near the balloon in Picture 2, they would probably stick to the balloon. Explain why.

The balloon has more negative charges than positive charges. The tissue paper has a neutral charge. The extra negative charges will pull, or attract, the positive charges in the tissue paper.