



# basic education

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**MEMORANDUM**

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# Physical Science Papergrdscope 2014

**L Manion**



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web 1 how does the comic strip define a polar molecule 2 define electronegativity as you understand it after reading the first two pages of the comic strip 3 what is the artist trying to represent by two polar bears arm wrestling or two penguins arm wrestling 4 what three types of bonds are represented on the third page of the comic strip

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web so the final representation of the nh<sub>3</sub> molecule using polar bears and penguins is as follows begin array c text polar bear nitrogen text with two lone pairs of electrons text and three penguins hydrogen end array this is a fun and creative way to represent the nh<sub>3</sub> molecule

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