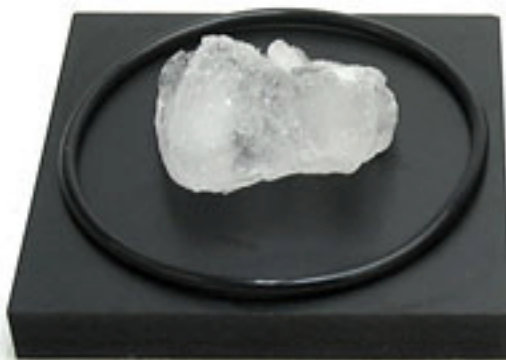


The Melting Rate of an Ice Cube

Aluminum Block



Plastic Block



Image from <http://www.teachersource.com/product/amazing-ice-melting-blocks/energy>

Fernanda, Kaitlin, and Natasha were discussing a question that involved the melting rate of ice cubes on two different types of materials. Fernanda said that she heard that if she put an ice cube on an aluminum block and a plastic block, that the ice cube on the plastic block would melt faster because the block felt warmer. Kaitlin reminded Fernanda that, when left out, both blocks be at room temperature and therefore the ice cubes would melt at the same rate because the blocks were at the same temperature. Natasha thought that the ice cube would melt faster on the aluminum block than the plastic block, because it felt colder.

With whom do you agree and WHY?

Circle one of the following:

Fernanda-

Kaitlin-

Natasha-

Be sure to state WHY!