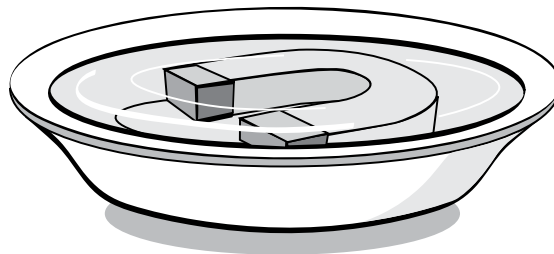


Magnets in Water



Four friends were wondering if a magnet could pick up steel paper clips in water. This is what they said:

Nate: “I think magnets and paper clips need to be in air. If both the magnets and paper clips are in water, they won’t attract.”

Amy: “I think magnets need to be in the air, but it doesn’t matter if the paper clip is. Magnets can attract paper clips covered with water.”

Steve: “I don’t think air makes a difference. I think magnets will attract paper clips when both are underwater.”

Leah: “I don’t think air makes a difference. However, when magnets are in water, they work the opposite way. The paper clips will be repelled by the magnet.”

Which friend do you agree with and why? Explain your thinking about how magnets work.
