

Separating Magnetic Materials

Not all metals are magnetic.

Write 4 magnetic materials:

- 1) S _ _ _ _ _
- 2) I _ _ _ _ _
- 3) N _ _ _ _ _
- 4) C _ _ _ _ _

When one material is magnetic and one is non-magnetic, we can use a magnet to **separate** them.



Rubber



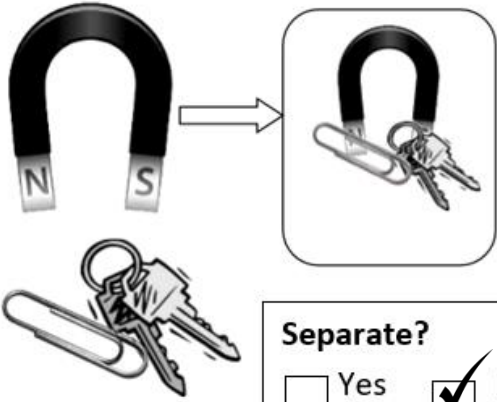
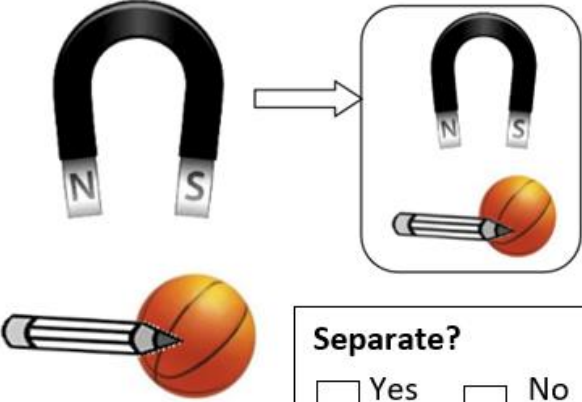
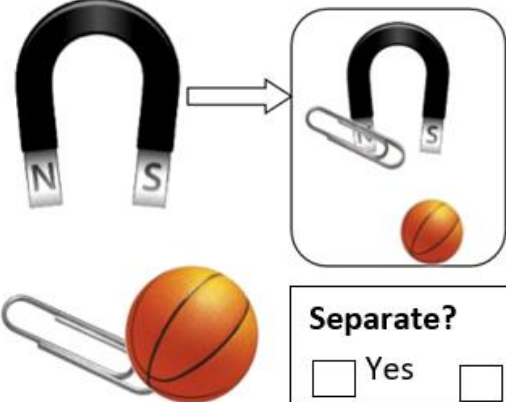
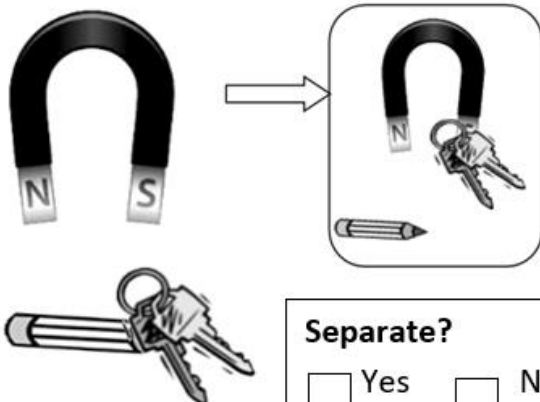
Iron



Steel



Wood

<p>1.</p>  <p>Separate?</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2.</p>  <p>Separate?</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>3.</p>  <p>Separate?</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p>4.</p>  <p>Separate?</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>

HINT!

If both boxes are the same



or



then we **CANNOT** separate the materials

Can we separate the
materials with a magnet?
Yes / No

1	Magnetic?	Bread <input type="checkbox"/>	milk <input type="checkbox"/>	No
2	Magnetic?	Nickel coins <input checked="" type="checkbox"/>	Iron spoons <input checked="" type="checkbox"/>	
3	Magnetic?	Plastic toy <input type="checkbox"/>	Cobalt toy <input checked="" type="checkbox"/>	
4	Magnetic?	Steel paperclips <input type="checkbox"/>	Iron paperclips <input type="checkbox"/>	
5	Magnetic?	Plastic rulers <input type="checkbox"/>	Wooden rulers <input type="checkbox"/>	
6	Magnetic?	Iron man <input type="checkbox"/>	Batman <input type="checkbox"/>	
7	Magnetic?	Glass bottle <input type="checkbox"/>	Plastic bottle <input type="checkbox"/>	
8	Magnetic?	Steel car <input type="checkbox"/>	Iron car <input type="checkbox"/>	

