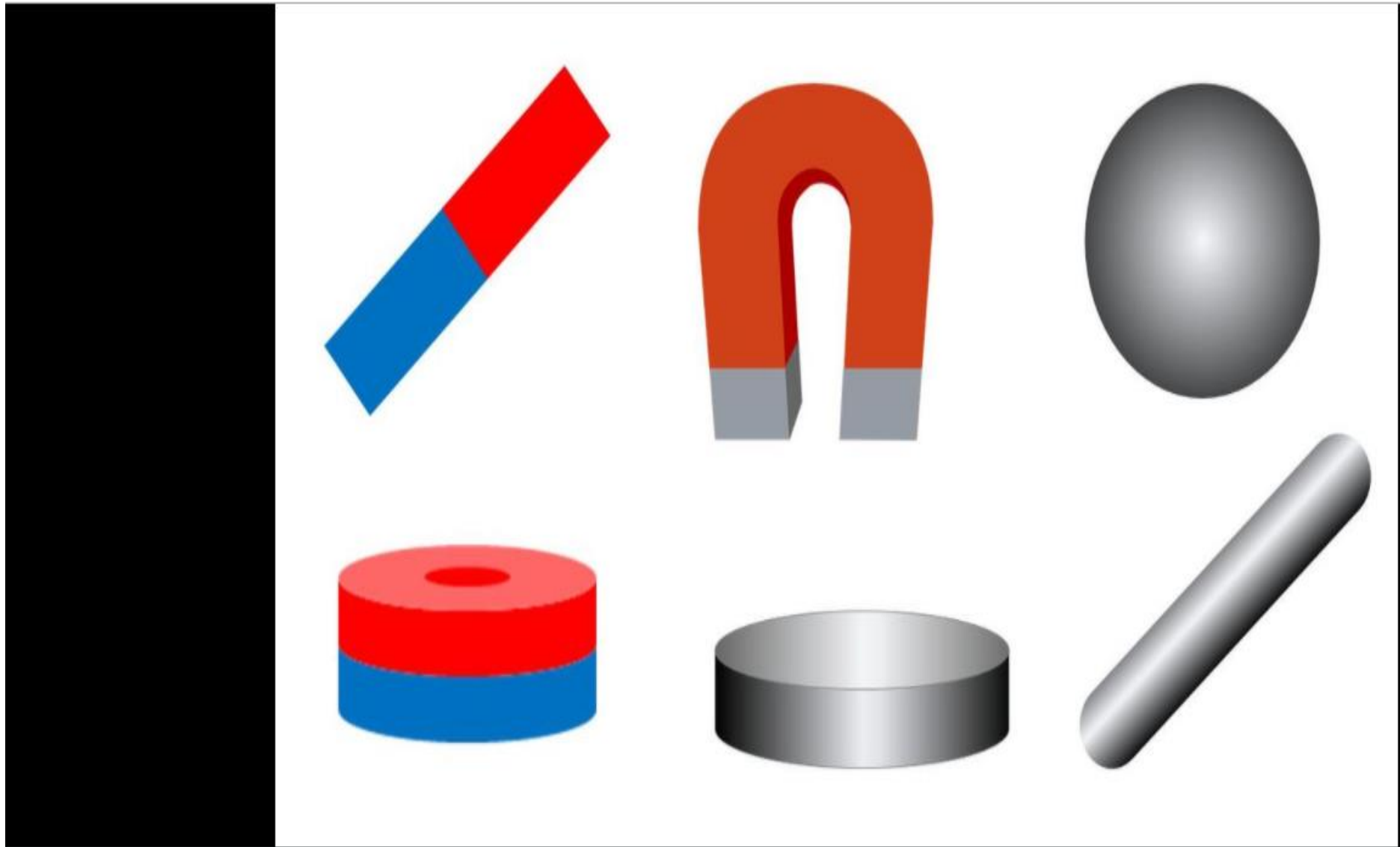


Tuesday 25th January 2021

To understand the difference between
permanent and temporary magnets

Discuss the following slide, draw and label the magnets.

All of these magnets can be described as permanent magnets as they are always a magnet.



An electromagnet is an example of a temporary magnet. It uses electricity to turn its magnetism on and off.



Electromagnets are used in cranes. As they can be turned on and off, it helps the crane pick up and put down different metals.



<https://www.youtube.com/watch?v=BAzkjcyfHzQ>

Can we create a temporary magnet?

[https://www.youtube.com/
watch?v=LnaV5DqNMGA](https://www.youtube.com/watch?v=LnaV5DqNMGA)

If we are successful take a
photo for books.