

Forces - Homework 2 (Our Physical World Part 4)

/10

Name: _____

Parent/Guardian Signature: _____

Due date: _____

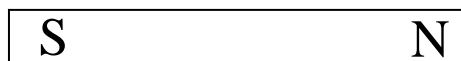
1. Name the three forces that can affect an object without touching it. _____, _____, _____ (3)

2. One end of a bar magnet is called a North pole. What is the other end called? _____ (1)

3. (a) If we bring two bar magnets together with the same poles pointing towards each other what affect will they have on each other?
_____ (1)

(b) What would happen if two different poles are brought together?
_____ (1)

4. In the diagram of a bar magnet below draw in the shape of the magnetic field lines.



(2)

5. In an electromagnet how can we:

(a) Make the electromagnet stronger?
_____ (1)

(b) Swap the poles of the electromagnet around?
_____ (1)