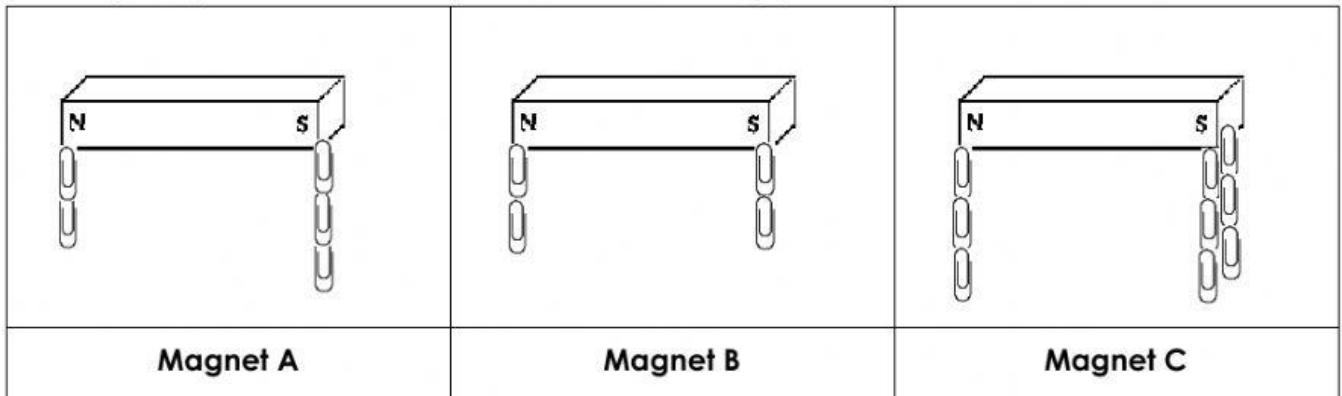


THEME 2 – ENERGY AND FORCES (MAGNET)

1. Study the picture below and answer the following questions.



a. How many paper clips that are attracted to these magnets?

- (i) Magnet A: _____ paper clips
- (ii) Magnet B: _____ paper clips
- (iii) Magnet C: _____ paper clips

b. The three magnets are of the same size and shape.

- (i) Which magnet holds the **greatest** number of paper clips? _____
- (ii) Which magnet holds the **least** number of paper clips? _____
- (iii) Which magnet is the **strongest**? _____
- (iv) Which magnet is the **weakest**? _____

c. To make sure a fair test, which of the following variables should be keep the same throughout the experiment? Choose "Yes" or "No" for each statement.

Variable	Keep the same
Size of the magnet	
Different size of the paper clips	
The type of magnet	

2. Study **Figure 1** below. Label the poles of the magnet in **Picture A** to indicate **like poles** and in **Picture B** to indicate **unlike poles**.

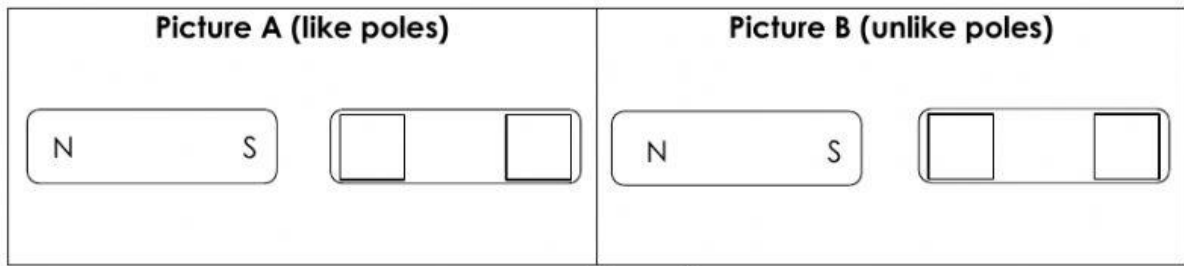


Figure 1

- a. What happens when the two **like** poles in **Picture A** in **Figure 1** are brought closer?
The magnets will
- b. What happens when the two **unlike** poles in **Picture B** in **Figure 1** are brought closer?
The magnets will
- c. **Figure 2** below shows two ways of making temporary magnet. Name the two methods of making temporary magnet on **Figure 2** below.

