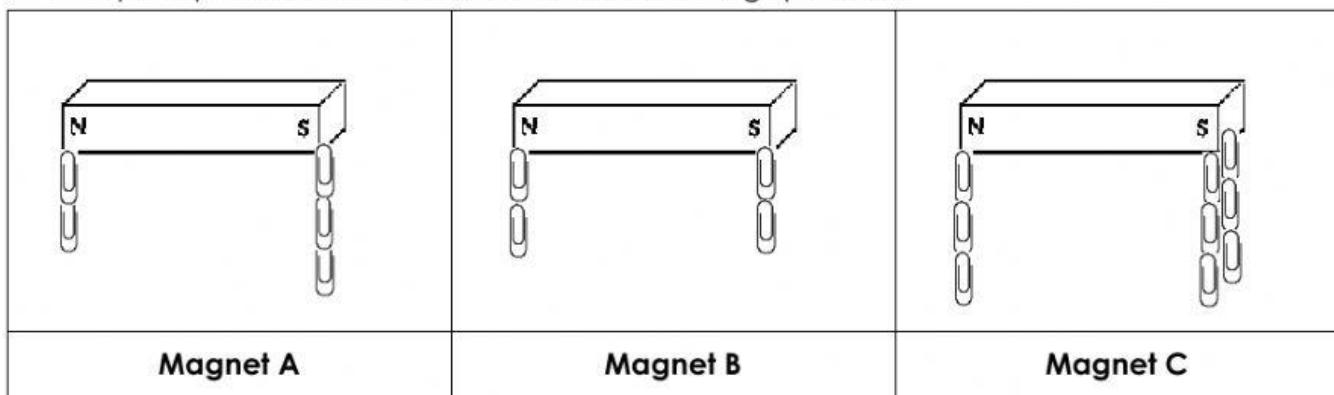


THEME 2 – ENERGY AND FORCES (MAGNET)

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**.

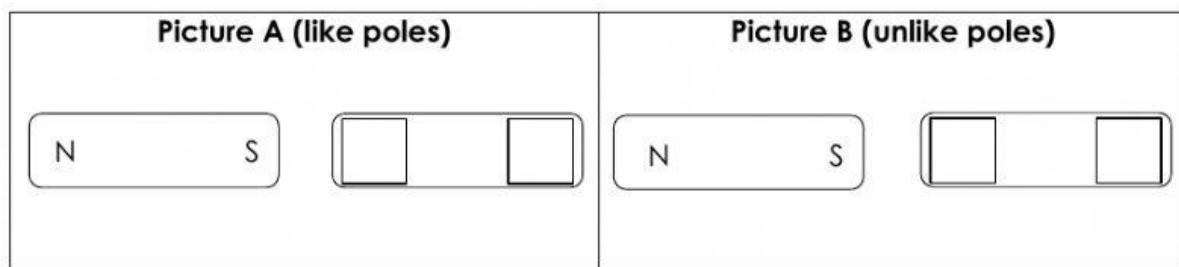


Figure 1

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.

