



Rosary School / Marj Elhamam

Name : _____ Date : / /2025 Subject: Science

Worksheet 5

Q1: A pile of books has a mass of 25kg, what's its weight. Show your work

Q2: Ming rides her bicycle to school



A: What force does she exert on the bicycle?

B: What effect does the force have on the bicycle?

Q3: a) Farah places a metal key in a container of water. The key sinks. Explain why the key sinks.

b) Suggest what Farah could do to make the key float.

c) Draw a force diagram to show the key floating. **Label the forces.**

Q4: In the box below, draw a parallel circuit with a 3V battery, two motors and an open switch.

Q5: Complete the table to show what happens in the circuit.

Switch Y	Switch Z	Bulb
Open	Open	
Closed	Open	
Open	Closed	
Closed	Closed	

