



AI MOATTASEM INTERNATIONAL SCHOOL

FINAL TERM REVISION

SCIENCE- LEVEL 3

Revision Worksheet# 1: Solved

UNIT 5: FRICTION

Q1. FILL IN THE BLANKS:

1. Flying fish have extra Fins.
2. Hydrofoils have underwater wings that lift the hull of the ship as it travels through the water.
3. Friction can be useful and nuisance when we ride a bicycle.
4. Friction is produced whenever two surfaces slide over each other.
5. A parachute is shaped like a huge Mushroom.
6. Streamlined cars and aircraft use less fuel.

Q2. NAME THE FOLLOWING:

1. The force that the air exerts on a moving object.

Ans: Air resistance

2. The force that slows down the movement and produces heat when two surfaces rub together.

Ans: Friction

3. The force that water exerts on a moving object.

Ans: Water resistance

Q3: MATCH THE FOLLOWING:

1- The friction caused by rubbing your hands together	Parachutes	5
2- A car engine needs oil and water	Barnacles	6
3- We use the force of friction	Have streamlined body	4
4- Whales and Dolphins	To reduce the effect of friction	2
5- Increasing air resistance	Produces heat	1
6- Small hard-shelled animals	To give us grip	3

Q4.DEFINE THE FOLLOWING:

1- Hovercraft:

A kind of ship which glides over the surface of the water on a cushion of air.

2- Barnacles:

They are small hard-shelled animals, living in the oceans or seas which stick themselves onto the underwater part of a ship.

Q5.ANSWER THE FOLLOWING:

Q1. How friction can be harmful? Give an example.

Ans: As two surfaces rub together, one or both of them can worn away.

Example: The moving parts of an old bicycle, rub against each other.

Q2. How do fast swimmers streamline their bodies?

Ans: Swimmers streamline their bodies by tight-fitting swimming costumes, by keeping their bodies as straight as possible and their limbs close together.