

Rosary School / Marj El-Hamam
Science Worksheet (6.B.1)



Name: _____

Grade 2 ()

Date: _____

Friction and Surfaces

Objective(s): Identify that friction is a force created between surfaces.
Describe how smooth and rough surfaces can generate different amounts of friction.

Q1: James rolls a ball on three different surfaces.
On which surface will the ball move **the fastest**?

Circle the correct letter.



A



B



C

Q2: Jawad's car skids on a dry road.
He went to a car-mechanic to inspect the car.

What could be the problem that causes the car to skid?
Complete the sentences. Choose from the following words.

less

more

rough

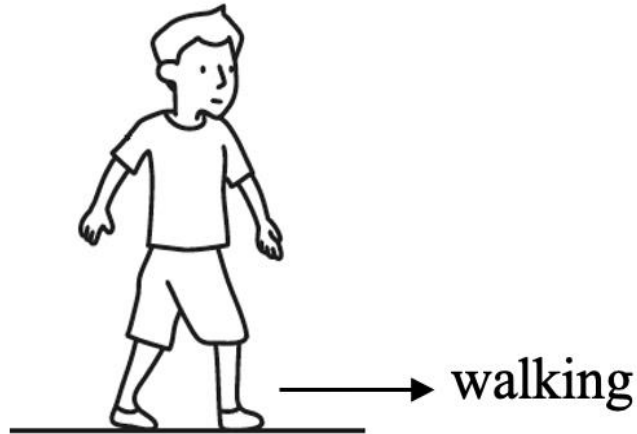
smooth

a) The surface of the tyres has become _____.

b) There is _____ friction between the tyres and the road surface.

Q3: Sami is walking.

- a) On the diagram, **draw** an arrow and **label** the direction in which friction acts.



- b) A banana peel is on the ground.
Sami slips on the banana peel and falls.
This happened because _____.

Tick ✓ **one answer.**

- ☐ there is more friction between Sami's shoes and the banana peel than between his shoes and the ground .
- ☐ there is less friction between Sami's shoes and the banana peel than between his shoes and the ground .
- ☐ there is no friction between Sami's shoes and the banana peel.

