

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**

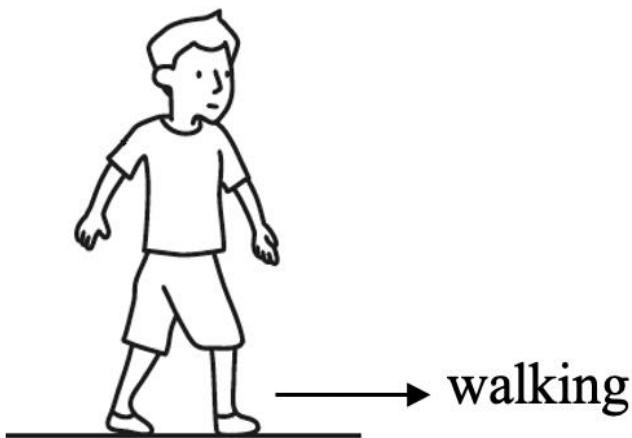
**smooth**

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.

