

Rosary School / Marj El Hamam
Science Assessment

Name: _____

Grade 2 ()

Date: Saturday, March 30th, 2024

[/10]

1. Selene and Rita investigate friction. [/3]

Selene sits on a sheet of material. She moves down the slide on the material.



The arrows on the diagram show the different forces acting on Selene as she moves down the slide.

- Circle the arrow on the diagram that shows friction.
- Cross out the arrow on the diagram that shows gravity.
- Rita records the time it takes Selene to move down the slide.

Rita says: " The material has more friction than my clothes."

This is because the material is _____. (smooth / rough)

2. Naya rides a sleigh down a hill covered in snow.

[/ 2]

Write (true) or (false).



a) Naya makes the runner of her sleigh smoother so there is less friction between the runner and the snow. ()

b) The sleigh moves harder over the smooth surface. ()

c) Friction is helpful while sliding on the sleigh. ()

d) Naya is sliding. Gravity is acting in the opposite direction of her motion. ()

3. Decide if friction is **helpful** or **not helpful** in the pictures below. [/ 3]



stopping a bicycle



pushing a heavy box



walking with a new pair of shoes

4. Match each activity in column A with the force acting on it in column B.

[/2]

Column A

writing on a paper ●

[between pencil and paper]

a kite falling down from the sky ●

a pillow on the bed ●

scratching a nail on a wall ●

Column B

● Friction

● Gravity

