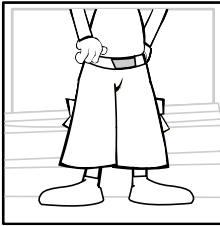




Name: _____ Class: _____

Draw a picture of two surfaces meeting and causing friction.
Then fill in the blanks to describe the surfaces. One has been done for you.

1



socks

on **smooth floor**

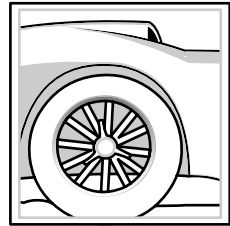
2



hand

on **hand**

3



tyres

on **tarmac**

Circle the level of friction you think would occur between each of the following objects and surfaces.

4 sled and snow

high medium **low**

Low because both the snow and the sledge are smooth, so there isn't much friction.

5 coarse sand paper and wood

high medium low

High because sand paper rubs away the wood, so the friction must be high.

Suggested answers

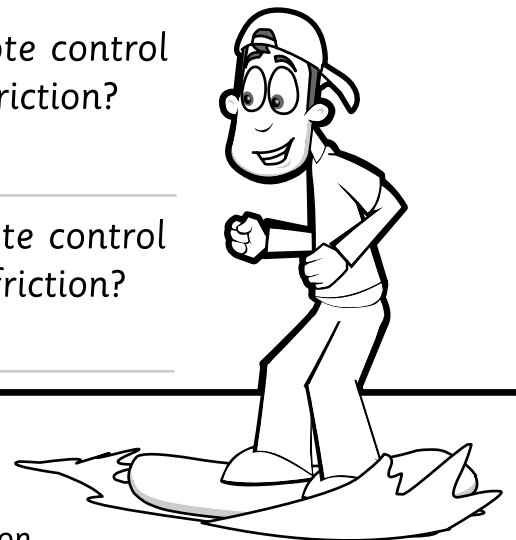
Answer the questions.

- a If you were designing a race course for a remote control car, which surface would you use to increase friction?

carpet

- b If you were designing a race course for a remote control car, which surface would you use to decrease friction?

vinyl



Use the back of the paper.
Design a race course for a remote control car.
Use labels to show the types of surfaces you would use.
Label each area to show if it has low, medium or high friction.