

7Kc Friction

- 1 rubber – H; oil – L; wax – L; sandpaper – H
- 2 brakes, engines, solid, smooth, lubricant
- 3 air, water, surfaces, shapes (last two in either order), resistance
- 4
 - a To reduce friction and make the bicycle go faster.
 - b Oil reduces the friction between the brake blocks and the wheel so the brakes would not work.
 - c Rain acts like a lubricant and reduces the friction between the brake blocks and the wheel.
- 5 Friction in a car's brakes is useful – true.
Tyres grip the road better when it rains – false.
Lubricating a bicycle makes it harder to ride – false.
An engine will soon stop working if there is no oil in it – true.
Having very smooth soles on your shoes makes walking easier – true.