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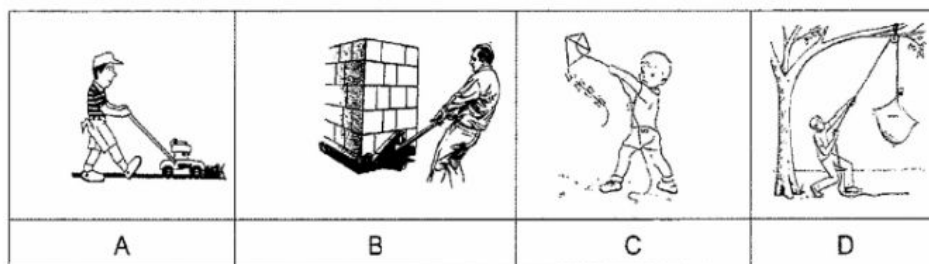
## Unit 2. Forces & Movement.

1. Figure 4 shows a man kicking a ball and applying a force on it.



Figure 4

Which of the following activities show a similar force (push)?


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2. Nabil builds a fire near his camping tent by rubbing two wooden sticks together as shown in Figure 5

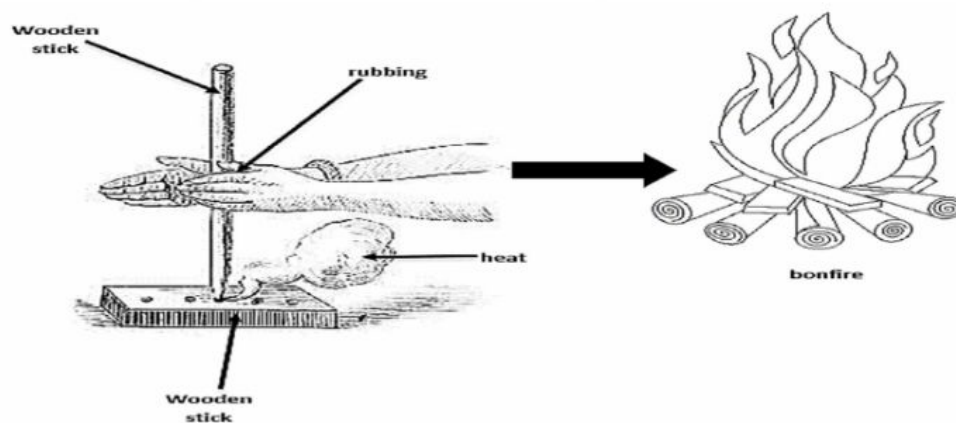





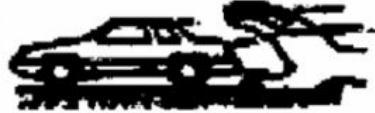

Figure 5

Which type of force is used in **Figure 5**?

- A. Elastic
- B. Friction
- C. Gravity
- D. Magnetic



3. Study the actions shown in each diagram in the figure below. For each action shown, describe the effect of the force applied.

	Action	Effect
i)	 Squeezing a sponge	What happens to the shape of the sponge? _____ _____
ii)	 Putting your hand in front of a moving toy car.	What happens to the toy car? _____ _____
iii)	 Hitting a bouncing ball	What happens to the ball? _____ _____
iv)	 Pushing a moving toy car.	What happens to the toy car? _____ _____
v)	 A stationary wheelbarrow	What happens to the wheel barrow? _____ _____

[7 marks]