| Name: | |
|-------|-------|
| Year: | Date: |

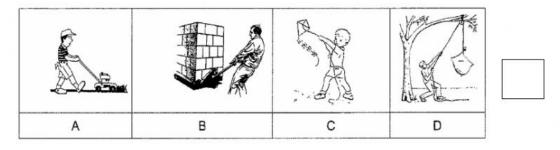
Unit 2. Forces & Movement.

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)?



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

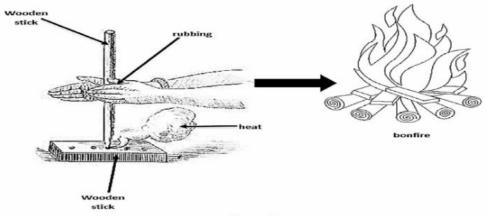


Figure 5



| Wh | ich type of force is used in Figur | e 5? |
|----|------------------------------------|------|
| A. | Elastic | |

- 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.

| Hitting a bouncing ball What happens to the toy car? Pushing a moving toy car. What happens to the wheel barrow? | | Action | Effect |
|--|------|--|--|
| Squeezing a sponge What happens to the toy car? Putting your hand in front of a moving toy car. What happens to the ball? What happens to the toy car? Pushing a moving toy car. What happens to the toy car? What happens to the toy car? What happens to the wheel barrow? | | | and the state of t |
| Putting your hand in front of a moving toy car. What happens to the ball? Hitting a bouncing ball What happens to the toy car? Pushing a moving toy car. What happens to the toy car? What happens to the toy car? What happens to the wheel barrow? | i) | Samuel and a second | |
| Putting your hand in front of a moving toy car. What happens to the ball? What happens to the toy car? Pushing a moving toy car. What happens to the toy car? What happens to the wheel barrow? | | Squeezing a sponge | |
| Putting your hand in front of a moving toy car. What happens to the ball? Hitting a bouncing ball What happens to the toy car? Pushing a moving toy car. What happens to the wheel barrow? | | Do son | What happens to the toy car? |
| Hitting a bouncing ball What happens to the toy car? Pushing a moving toy car. What happens to the wheel barrow? | ii) | | |
| Hitting a bouncing ball What happens to the toy car? Pushing a moving toy car. What happens to the wheel barrow? | | V | What happens to the ball? |
| Pushing a moving toy car. What happens to the toy car? What happens to the wheel barrow? | iii) | | |
| Pushing a moving toy car. What happens to the wheel barrow? | | Hitting a bouncing ball | |
| Pushing a moving toy car. What happens to the wheel barrow? | | STATE OF THE | What happens to the toy car? |
| What happens to the wheel barrow? | v) | The same of the sa | |
| | | Pushing a moving toy car. | |
| A AAA Saaan walka a Ukanawa | v) | | What happens to the wheel barrow? |
| A STATIONARY Wheelbarow | | A stationary wheelbarow | |

[7 marks]

