

Name: _____

Forces and Objects

Objects can react to forces in many different ways. For example, kicking a soccer ball makes it start moving. A bike's brakes add friction to a wheel, slowing it down or even stopping it. Pushing or pulling the wheel to one side will change the bike's direction. Squeezing a lemon wedge changes its shape, making juice come out.



Look at each picture and description. Use the correct phrase from the bank to tell what the object is mostly doing in response to the force.

starting motion

stopping motion

speeding up

slowing down

changing direction

changing shape



Preview

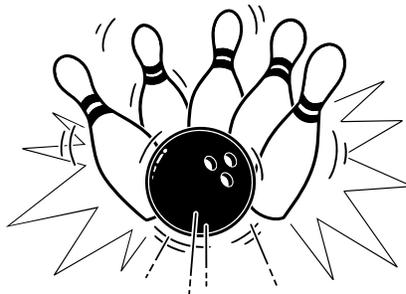
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4. Gravity makes the rock Jamal threw forward fall down.



5. Bowling pins go flying when a ball crashes into them.



6. Wind picks up in the opposite direction a bird is flying.



ANSWER KEY

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