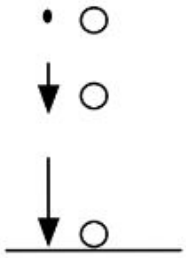
Energy Transfer Diagrams

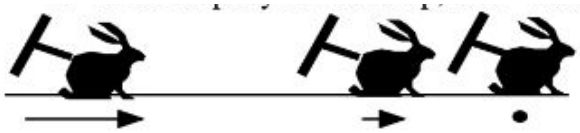
DRAW IN YOUR NOTEBOOK

- Draw pie charts representing the energy in each situation
- Label the pie charts with number and give a description of what is happening in each

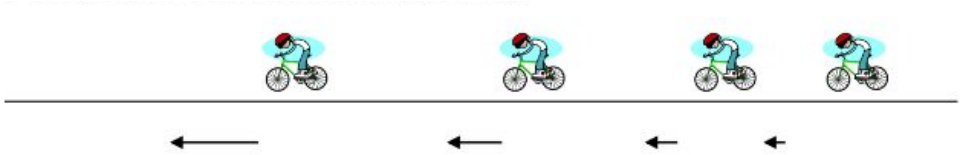
1. A ball is held above the ground, and then is dropped so it falls straight down. (Restrict your analysis to the ball being in the air, BEFORE it hits the ground.)



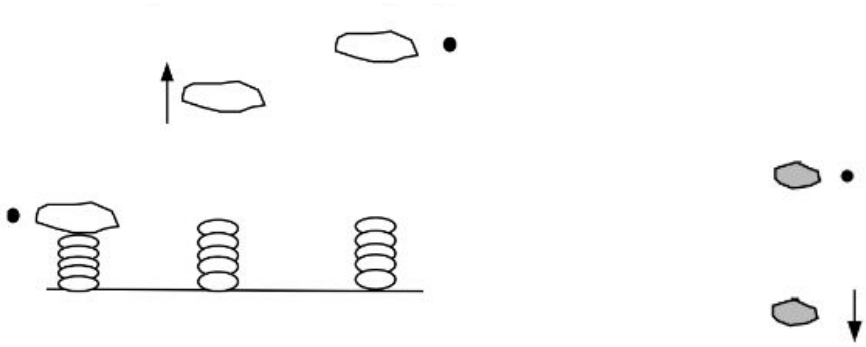
2. A wind-up toy is wound up, then "walks" across a table and comes to a stop.



3. A boy on a bike starts from rest and speeds up.



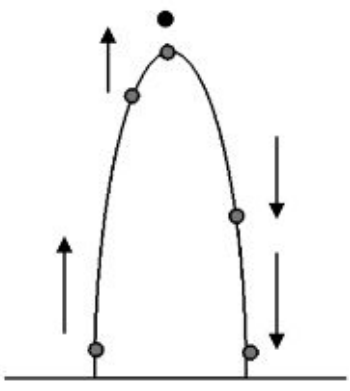
4. An object rests on a coiled spring, and is then launched upwards.



5. A piece of clay is dropped to the floor.

6. A ball rolls to a stop on the floor.
7. An alternative fuel truck running on switchgrass biofuel is being driven down the street. The arrows above the truck signify that the truck is traveling.

8. A baseball is thrown up in the air and then falls back down.



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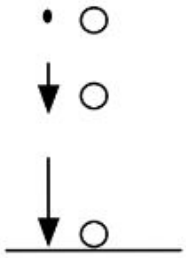

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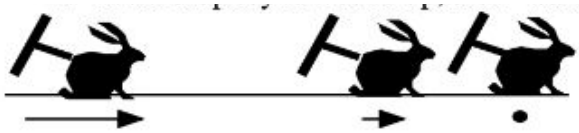

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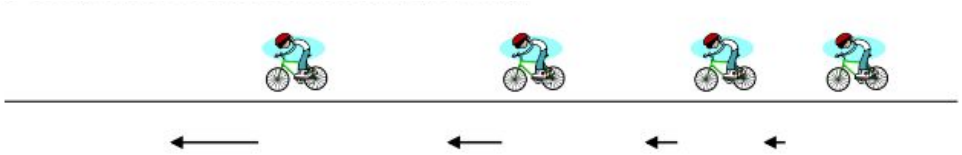

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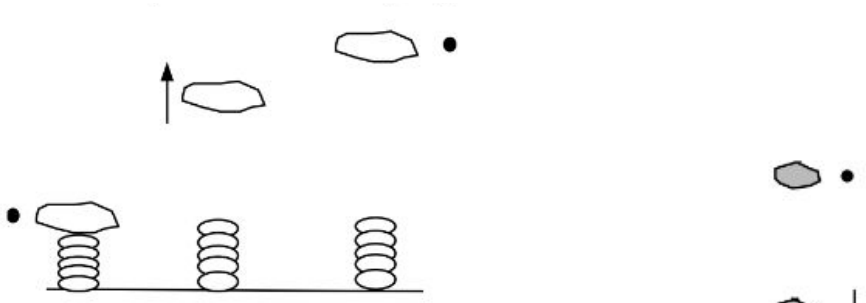

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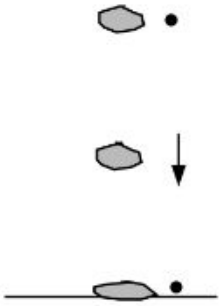

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