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

5. $A$ piece of clay is dropped to the floor.
$A \longmapsto \cdot \begin{aligned} & h_{A}=\max \\ & V_{A}=0\end{aligned}$

 $C V=0 h=0$
6. A ball rolls to a stop on the floor.

7. A truck being driven down the street.

8. A superball is dropped and bounces up and down. Draw a pie chart for each position of the ball shown. Why does the ball not bounce as high each time? Where does the energy "go"?

