

ENERGY TRANSFER

$$E_i = E_f$$

Conservation of energy:
Energy cannot be created or destroyed but can be transferred from one form to another

All gravitational potential energy, as the person is not moving

Energy is stored and ready to be released once the blob launches the person

All of the gravitational potential of the blob is transferred to kinetic and gravitational potential energy

Kinetic energy is at its maximum here because he's falling the fastest right before impact

GRAVITATIONAL POTENTIAL ENERGY: 
KINETIC ENERGY: 
ENERGY FROM BLOB: 

