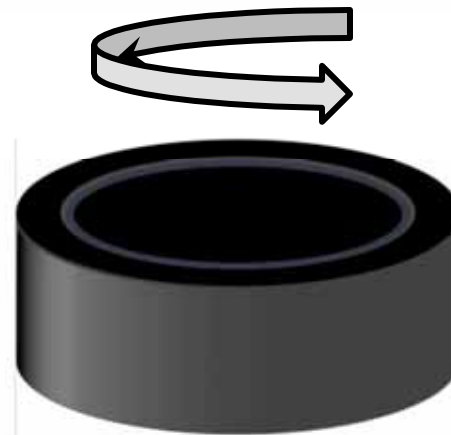


Does a puck spinning on ice –  
in the same place – have KE?

1. No
2. Yes



Two pucks sliding across the ice  
at the same speed –  
one slides, one rolls.  
Which has more KE?



1. The sliding puck has more.
2. The rolling puck has more.
3. It's a tie.

Which will be going faster  
when it gets to the bottom?  
The cylinder that rolls down  
or the one that slides down?



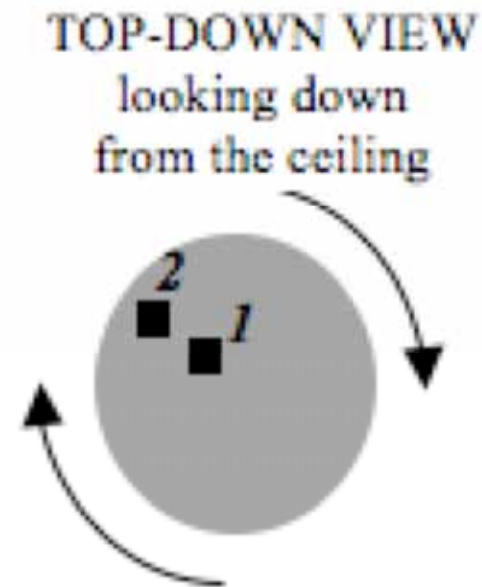
1. The one that slides.
2. The one that rolls.
3. It's a tie



# Which has more KE?



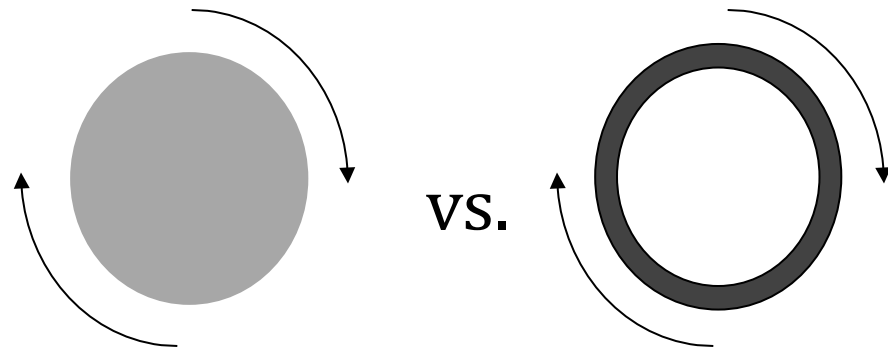
1. Piece 1
2. Piece 2
3. It's a tie.



Both objects have the same mass  
and rotate with  
the same angular velocity.  
Which has more KE?



1. The puck.
2. The ring.
3. It's a tie.



When rolled down a ramp,  
starting at the same level –  
which will get to the bottom first?



1. The puck.
2. The ring.
3. It's a tie.

