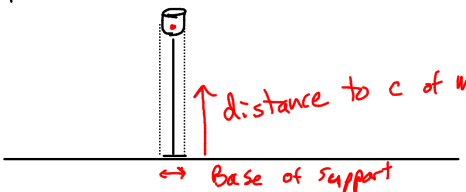
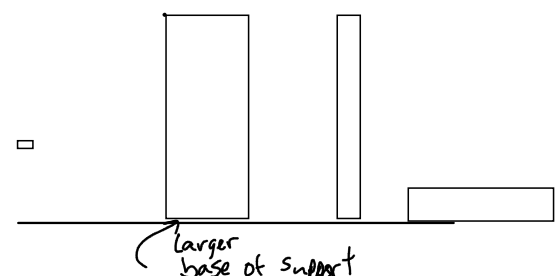


Stability  
How unlikely an object will fall over.

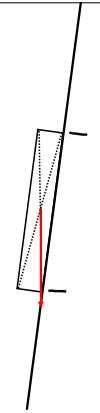


A vertical rod is shown on a horizontal surface. A red dot at the top of the rod represents the center of mass. A red arrow points from the base of the rod to the center of mass, labeled "distance to c of m". A red double-headed arrow at the base of the rod is labeled "Base of support".

Which is more stable?



Three rectangular blocks are shown on a horizontal surface. From left to right: a tall, narrow block; a thin, tall block; and a short, wide block. A small square is to the left of the first block. An arrow points to the base of the first block with the text "larger base of support".



A rectangular block is tilted. A vertical line passes through the center of mass (indicated by a red dot) and extends above and below the block. The center of mass is located within the base of the block.