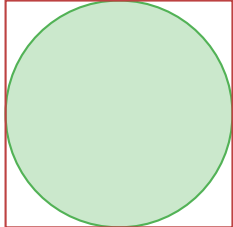
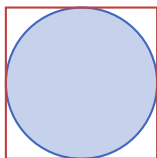
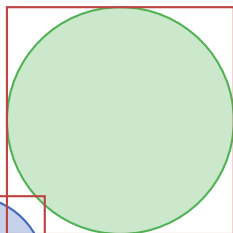
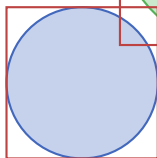


No overlap, no collision



Overlap but no collision



Both overlap and collision

