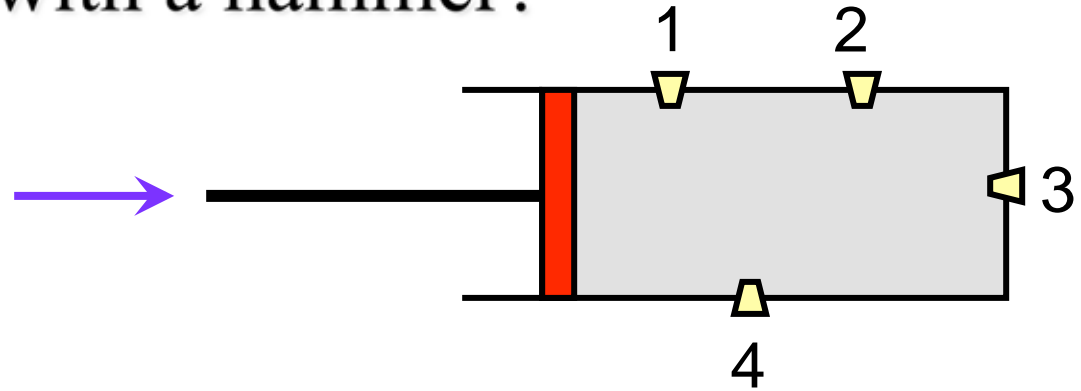


A cylinder with a movable piston is filled with a uniform fluid. If the corks are all in equally tightly, which are most likely to pop when we hit the piston with a hammer?



1. Cork 1
2. Corks 1 & 2
3. Cork 3
4. Cork 4
5. Some other combination
6. All
7. None



An object hung from a spring scale is lowered into water. When the object is immersed, the scale will read

1. a larger value
2. a smaller value
3. the same value
4. can't tell – not enough info

