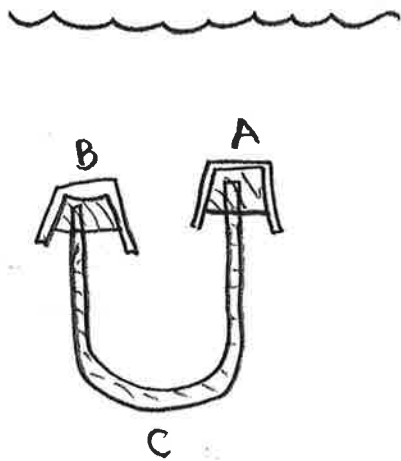


EX 16.3

(Inverted siphon problem)



1. If the buckets are at the same depth, there will be no siphon action. It is in equilibrium
2. If bucket A is 1 inch higher than B, then the oil will be siphoned from B to A.
3. If a hole were drilled at point C, the siphon would cease to work. This is because the pressure at C would drive the oil in the siphon back up into each bucket.
4. If the buckets were filled with water, then nothing would happen... the system would be in equilibrium no matter the position of the buckets