∞ Infinity

R

A

B

P

Q

Dead
End

Dead
End

Engine

3

8

Engine = 5 Units
Boogie=A=B=3units
PQR is an Isosceles triangle
l(p,q)=l(q,r)=l(r,p) = 100 units
Boogies can move only with the help of Engine
Engine and boogies can move ONLY in OBTUSE angle.
ie: turn only in angle greater than 90 degrees.
TASK: Interchange position of A & B and engine to return to its position.