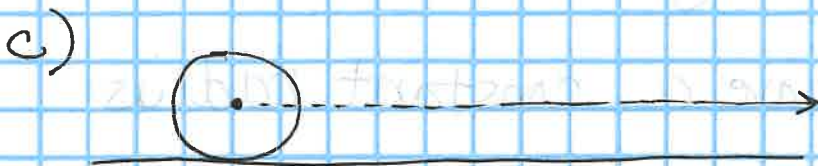
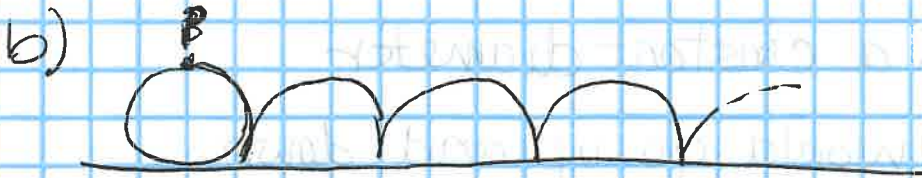


7.1.1 Does it roll smoothly?

7-1

a) Circles have a constant diameter



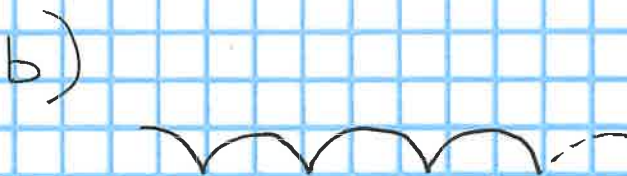
It keeps a constant level because the radius is constant


7-2

(b) actually rolls with a constant height

7-3

a)  I feel like you would rise and fall the radius is not the same



c) Height and width need to be adjusted

alternate curves need to be short & thin then tall and wide

d) Circle has a constant radius
The road's curves help balance out
the unequal radii.

7-4 has a constant diameter

a) center would go up and down.

b) does not have a constant radius

Smooth ride for a bike \rightarrow have constant
radius

smooth transport \rightarrow have to have
(as in log roll) constant diameter

