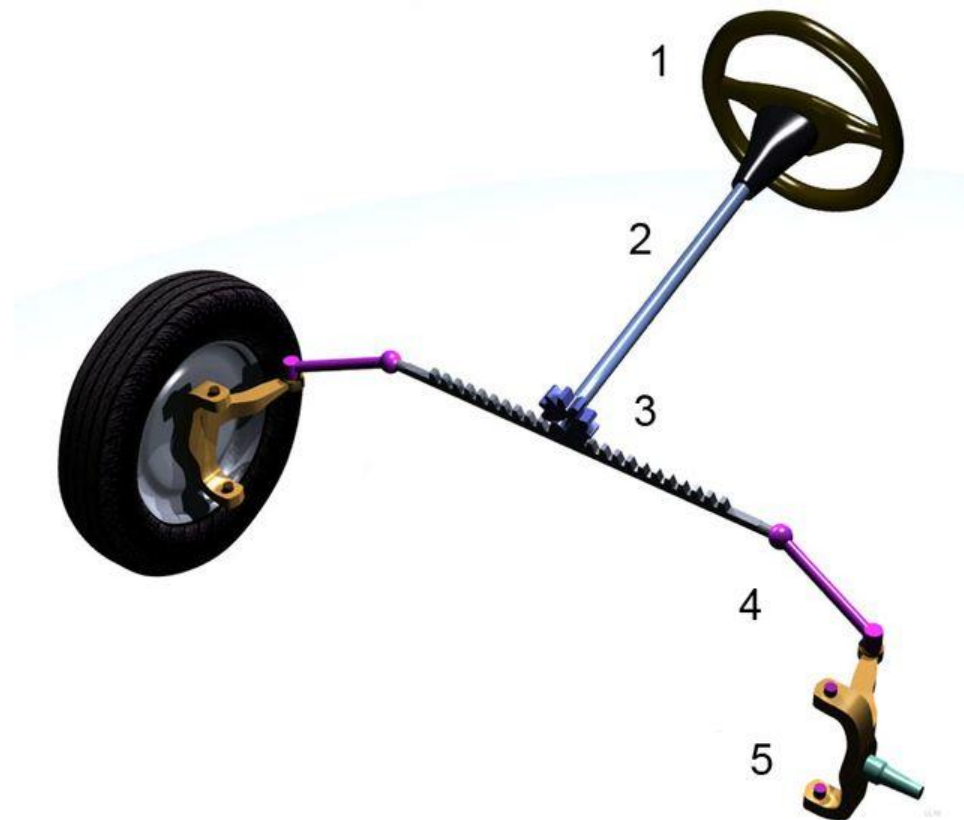


Task 4

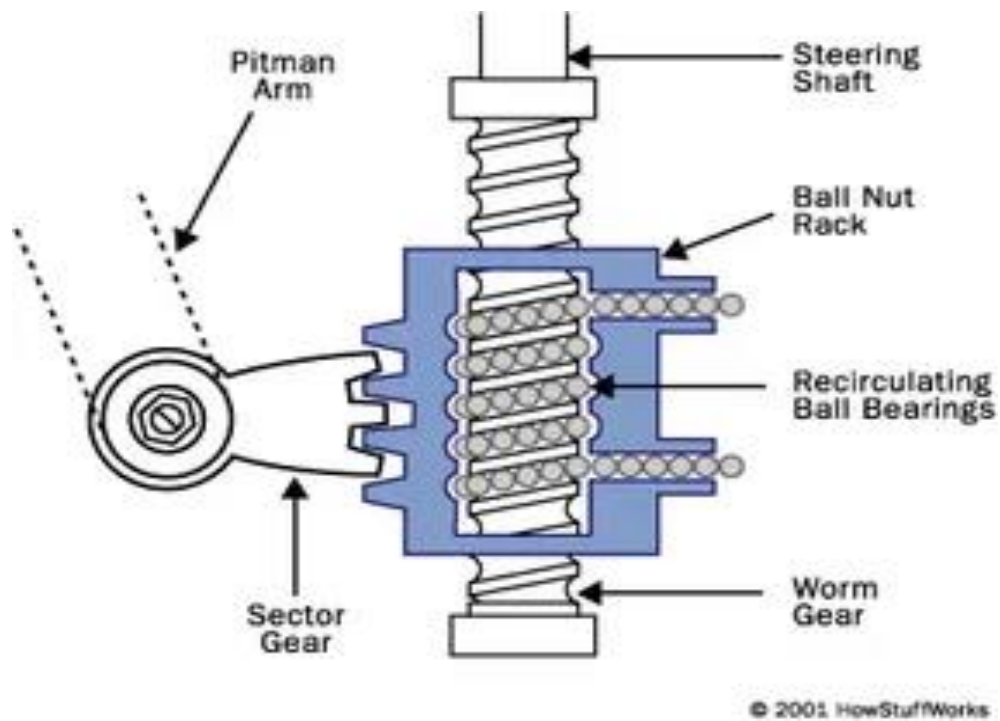
a)

Types

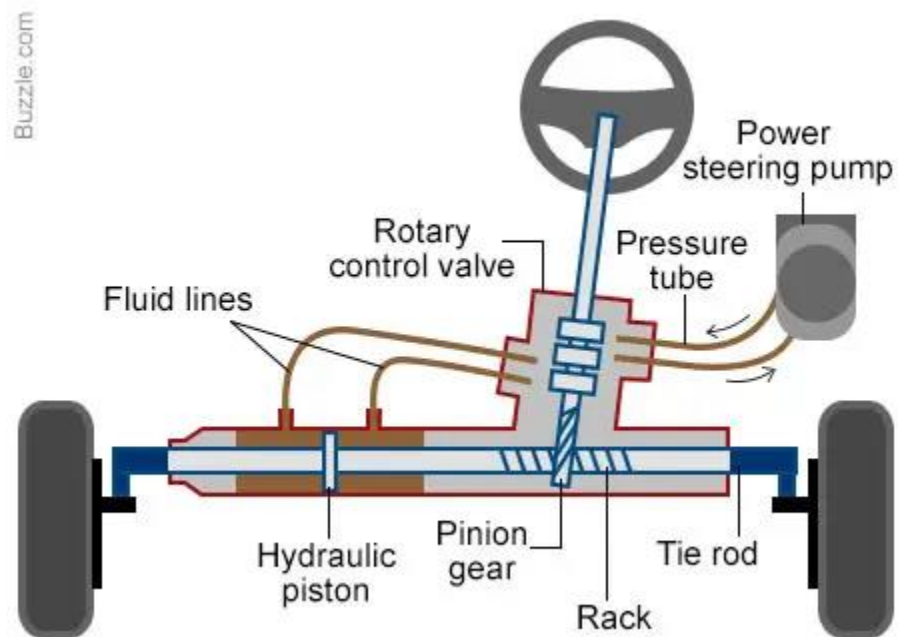
- Rack and pinion



- Recirculating Ball Steering System



- Power steering



Four-wheel steering



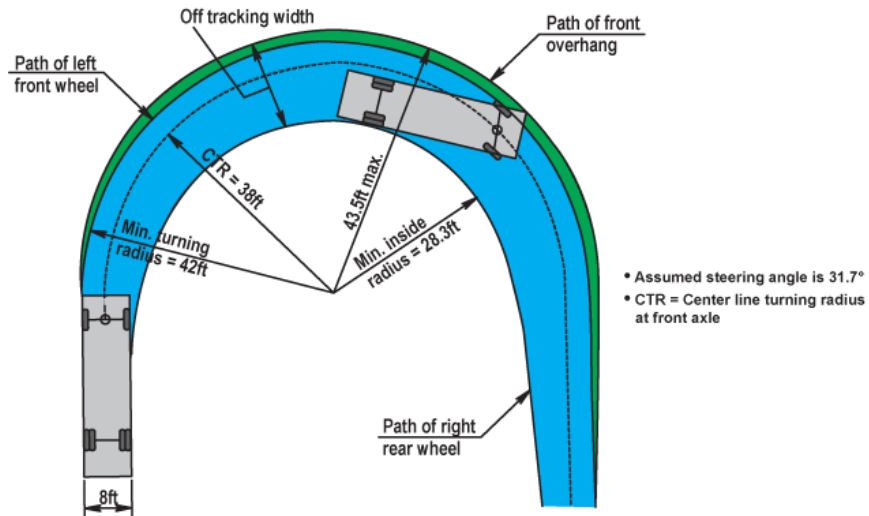
Opposite Direction Steering
(at Low Speeds)



Same Direction Steering
(at Medium and High Speeds)

Turning Radius

Radius of the smallest circular turn (ie U-turn) that the vehicle is capable of making.



Ways To Reduce It

- By steering the rear wheels in the duration opposite the front wheels at low speed
- altering the Ackermann steering geometry
- Smaller Wheelbase
- Smaller vehicle width