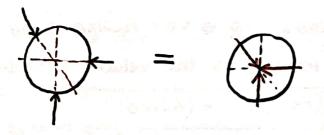


PRINCIPLE OF TRANSMISSIBILITY OF FORCES:

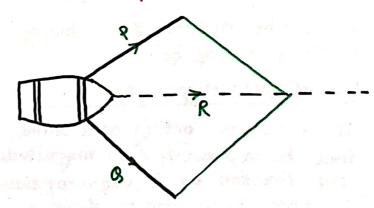
states that point of application of force can be moved anywhere along its line of action without changing the external reaction forces on a rigid body.





LAW OF SUPERPOSITION:-

The combined effect of force system acting on a rigid body is the sum of the effects of individual forces.



The diagonal will give you the resultant.

COMPOSITION OF 2- CONCURRENT

The process to find Resultant equil the forces acting on a body is called composition of forces.

It can be obtained from he of

ram of bornallelotrom of forces:

If 2- vectors acting at a same time be represented in magnitude and direction by R- adjacent sides of parallelogram drawn from a point, then their resultant is represented in magnitude and direction by diagonal of parallelogram drawn from the same point.

