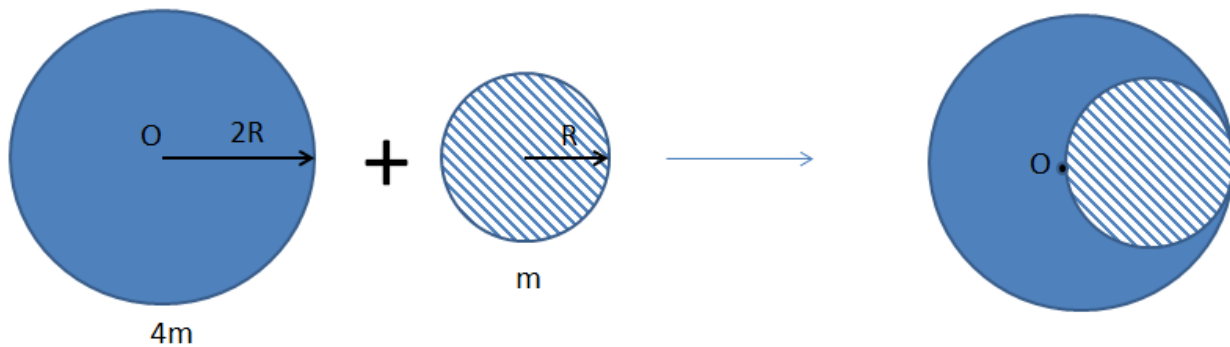


Name:

Student ID:

Signature:

A system consists of two solid discs given in the figure. Calculate the total moment of inertia of the system about an axis through the center of the disc (an axis through point O in the figure) perpendicular to the plane.

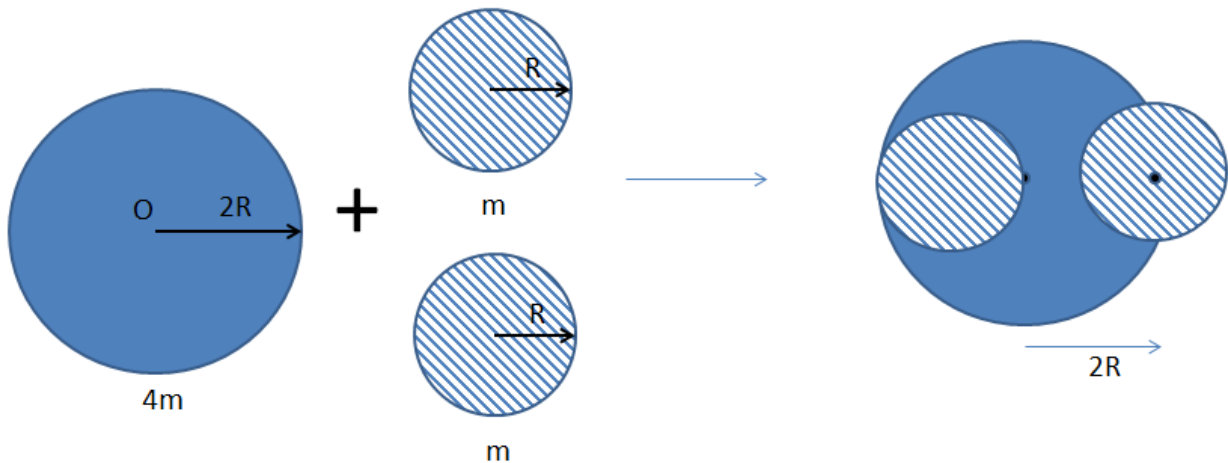


Name:

Student ID:

Signature:

A system consists of three solid discs given in the figure. Calculate the total moment of inertia of the system about an axis through the center of the disc (an axis through point O in the figure) perpendicular to the plane.

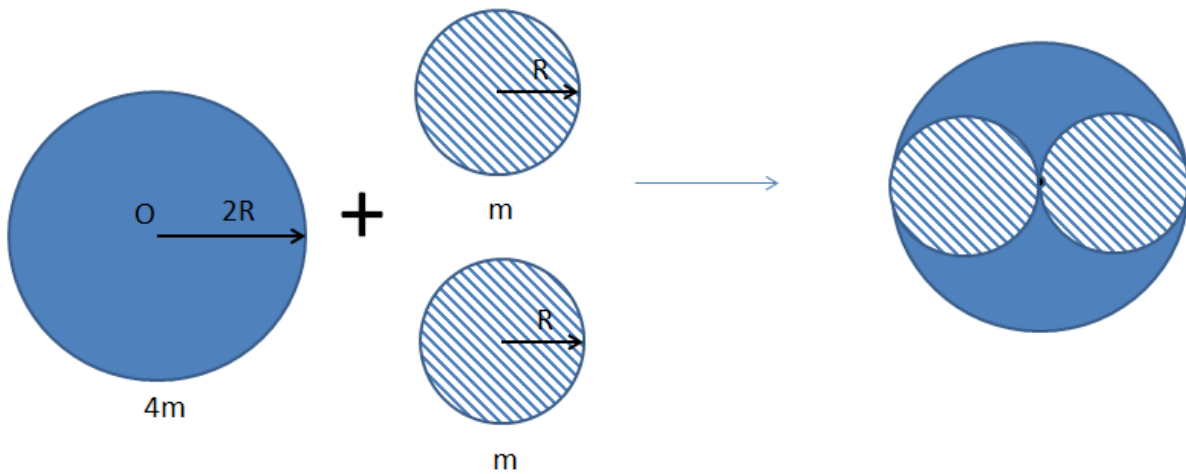


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