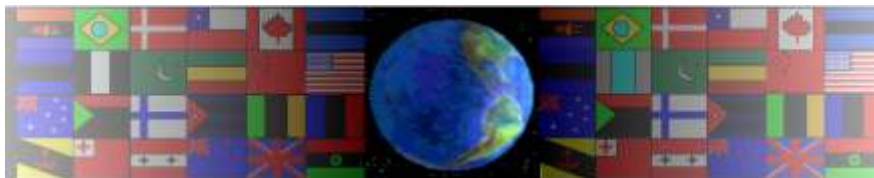


PULLEY SYSTEMS - VELOCITY RATIO

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On behalf of The World Association of Technology Teachers

W.A.T.T.



World Association of Technology Teachers

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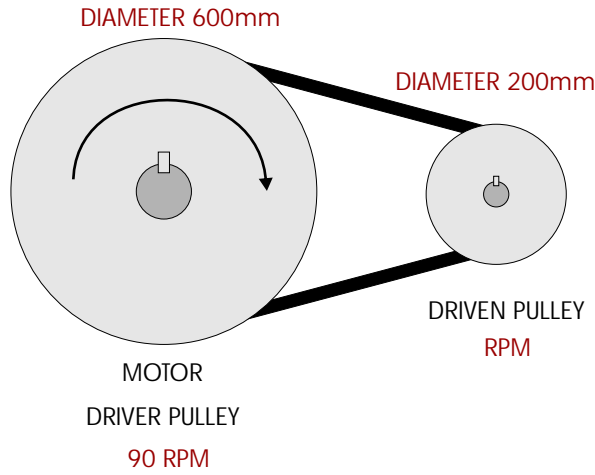
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PULLEY SYSTEMS - VELOCITY RATIO

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Two pulley systems are shown below. For each of the systems work out the velocity ratio. You must include all working out, including the formulas.

A.

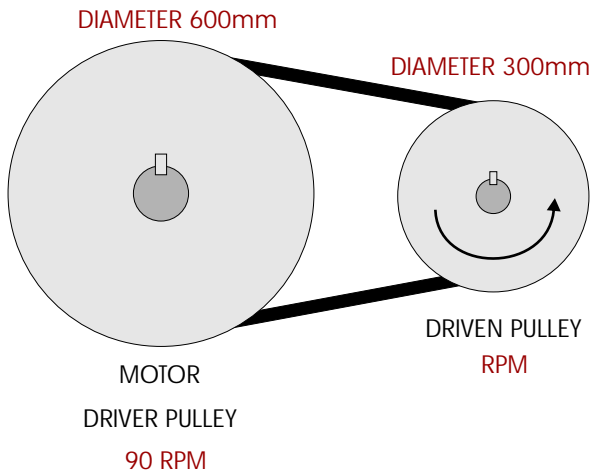


FORMULA:

What is the rpm of the driven pulley?

FORMULA:

A.



VELOCITY RATIO:

If the driven pulley rotates in an anti-clockwise direction, what is the direction of rotation of the driver pulley?
