

## Equations Sheet

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moment	=	force × perpendicular distance to the pivot
BMI	=	$\frac{\text{mass}}{\text{height}^2}$
density	=	$\frac{\text{mass}}{\text{volume}}$
stress	=	$\frac{\text{force}}{\text{cross-sectional area}}$
force	=	constant × extension
$R_f$	=	$\frac{\text{distance travelled by substance}}{\text{distance travelled by solvent}}$
refractive index	=	$\frac{\sin i}{\sin r}$