

Formulas Containing Rational Expressions

In problems 1-5, solve each equation

1. $\omega = \frac{rmv}{I + mr^2}$ for m	2. $m = \frac{2xy}{x + y}$ for x
3. $\frac{GM}{4\pi^2} = \frac{R^3}{T^2}$ for T^2	4. $\frac{KQq}{r} = qV$ for r
5. $\frac{A + B}{C - D} = \frac{EF}{G - V}$ for D	