

Chapter 14 W, P, + SM

Physics Equation Sheet

TOPIC	EQUATION	VARIABLE	UNIT
Work	$W = F \times d$	$W = \text{Work}$	Joule J
	$F = W/d$	$F = \text{Force}$	N
	$d = W/F$	distance = d	m
Power	$P = W/t$	$P = \text{power}$	Watt W
	$W = Pt$	$W = \text{Work}$	J
	$t = W/P$	$t = \text{time}$	s *
			has to be seconds
	$* a = 9.8 \text{ m/s}^2$	(due to gravity)	
	$* F = ma$	(from Ch. 12)	