Derived Units

Complete this table. I recommend using a pencil, than after checking for mistakes, ink in the table. Remember the derived unit must only use the 7 base units. If the derived unit has a name then also include this in the table, e.g. J, N, Pa.

Quantity	Defining Equation	Derived S.I. Unit	Name of Unit if Applicable
Area	length x width	$m \times m = m^2$	-
Volume			-
Density			-
Velocity			-
Acceleration			-
Force	mass x acceleration	$kg \times m\ s^{-2} = kg\ m\ s^{-2}$	N (Newton)
Work			
Kinetic Energy			
Gravitational Potential Energy			
Power			
Momentum			
Impulse			
Pressure			
Electric charge	current x time	$A \times s = As$	
Potential Difference			
Resistance			
Electrical Power			
Period of Oscillation			-
Frequency			-
Wavelength			-