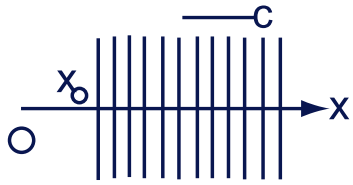
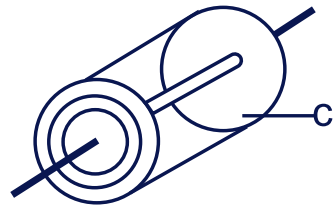
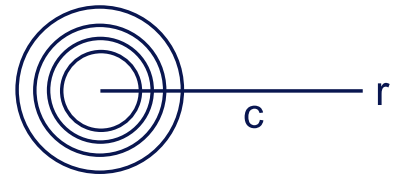
	flat source of sound	linear source of sound	point spherical source of sound
Geometry			
Sound pressure change	$\rho = \rho_{A(o)} \cos\left\{\omega\left(t - \frac{x}{c}\right)\right\}$	$\rho = \rho_{A(ro)} \sqrt{\frac{r_o}{r}} \cos\left\{\omega\left(t - \frac{r - r_o}{c}\right)\right\}$	$\rho = \rho_{A(ro)} \frac{r_o}{r} \cos\left\{\omega\left(t - \frac{r - r_o}{c}\right)\right\}$
Specific sound power	W_5 in $\frac{\text{Watt}}{m^2}$	W_1 in $\frac{\text{Watt}}{m}$	W in Watt
Sound intensity	$I = W_5$	$I = \frac{W_1}{2\pi r}$	$I = \frac{W_1}{4\pi r^2}$
Difference of sound levels	$L_1 - L_2 = 0$	$L_1 - L_2 = 10 \lg \frac{r_2}{r_1}$	$L_1 - L_2 = 20 \lg \frac{r_2}{r_1}$
Difference of sound levels for r2 = 2r1	$\Delta L = 0$	$\Delta L = 3$ dB	$\Delta L = 6$ dB