Physics Problem solving format

① List given info and unknown variables (with ?)

e.g ① $v = 3.00\ m/s$

$f = 60.0\ Hz = 60.0\ s^{-1}$

$\lambda = ?$

② Write the eqn in symbols

③ Rearrange the eqn to solve for the unknown. ② $v = f\lambda$

④ input values ③ $\lambda = \frac{v}{f}$

⑤ calculate ④ $\lambda = \frac{(3.00\ m/s)}{60.0\ s^{-1}}$

⑥ State answer with correct sig figs + units

⑦ Box answer ⑤⑥⑦ $\boxed{\lambda = 5.00 \times 10^{-2}\ m}$