1. A person travels at a constant speed of 75 Km/h for 50.0 minutes; what is the average distance that this person covers?

$v_0 = 75\frac{km}{h} = 75 \cdot \frac{1000\,m}{3600\,s} = 20.83\frac{m}{s}$ $t = 50\,s = 50 \cdot 60\,s = 3000\,s$ $d - ?$	*Solution.* The distance equals to the product of the speed and the time: $d = v \cdot t$.

Let check the dimension: $[v] = \frac{m}{s} \cdot s = m$.

The average distance that the person covers is

$d = 20.83 \cdot 3000 = 62490\,(m) \approx 62.5\,(km)$.

Answer: 62.5 km.