

8. Recognizing that the gap between the trains is closing at a constant rate of 60 km/h, the total time which elapses before they crash is $t = (60 \text{ km}) / (60 \text{ km/h}) = 1.0 \text{ h}$. During this time, the bird travels a distance of $x = vt = (60 \text{ km/h})(1.0 \text{ h}) = 60 \text{ km}$.