We have
$a=3.1 \mathrm{~m} / \mathrm{s}^{\wedge} 2$,
$\mathrm{t}=9.6 \mathrm{~s}$

If sled started at rest it traveled in time t distance $\mathrm{s}=\left(\mathrm{at}^{\wedge} 2\right) / 2=0.5^{*}(9.6 \mathrm{~s})^{\wedge} 2^{*} 3.1 \mathrm{~m} / \mathrm{s}^{\wedge} 2=143 \mathrm{~m}$

