QUESTION:
how far will a car travel from a standing start if it accelerates at 4 meter per second square for 9 seconds?

SOLUTION:
The motion equation for the case of constant acceleration is

$$s = v_o t + \frac{at^2}{2}$$

Where

s is the distance, traveled by the car

v_0 is the initial speed of the car

a is the acceleration of the car

t is the time

Here

$v_0 = 0 \; m/s$, because the car travels from a standing start

a=9 m/s^2

t=9 seconds

Hence

$$s = \frac{9 \cdot 4^2}{2} = 72 \; m$$

ANSWER:
72 meters