

- 7 Scientists test the safety features of a car by crashing it into a large block of concrete.

A dummy is placed in the driver's seat and the scientists video the crash.



- (a) In one test, the dummy and the car travel at 8 m/s.

The mass of the dummy is 72 kg.

Calculate the momentum of the dummy.

(2)

Momentum = ..... kg m/s

