5 An object on the Moon falls a vertical distance of 0.32 m, from rest, in a time of 0.63 s.

Which of the following expressions gives the acceleration due to gravity on the Moon in ms^{-2}?

☒ **A** $\dfrac{0.32}{2 \times 0.63}$

☒ **B** $\dfrac{0.32}{2 \times 0.63^2}$

☒ **C** $\dfrac{2 \times 0.32}{0.63^2}$

☒ **D** $\dfrac{2 \times 0.32}{0.63}$

(Total for Question 5 = 1 mark)