

# PHYSICAL SCIENCES

## GRADE 12: P.1

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### PRELIM



and  $S_2$  open, give the reading on  $V_2$ .

11.8



- Calculate the magnitude of the force  $F$  if the power that is used to move the box up the incline AB is equal to 57.6 W.

# Grade 1example Physical Science Paper 1

**RJ Alexander**



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web we utilize the equation that relate amount remaining initial mass and number of half lives  $n = \frac{\ln \left( \frac{N_0}{N} \right)}{\ln 2}$  125 g 5 what is the half life of an isotope that is 80% remained after 16 days solution remaining 80 100 therefore  $n = \frac{\ln \left( \frac{100}{80} \right)}{\ln 2}$

now using the half life equation in example 1 we have

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