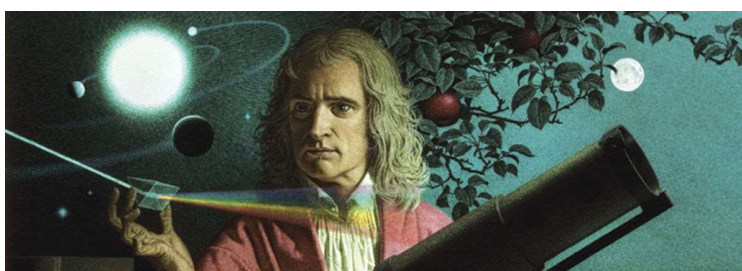


Year 10 Online Sample Questions 2018

- Which of these statements is true for the Solar System
 - The Sun orbits the Earth
 - The Moon orbits the Earth about once in a week
 - The Milky Way is a band of reflecting dust within the Solar System
 - The Earth moves around the Sun in approximately a circular path
- Galileo, the famous scientist, was born in
 - Germany
 - Holland
 - Italy
 - France

- This image best represents which famous scientist?

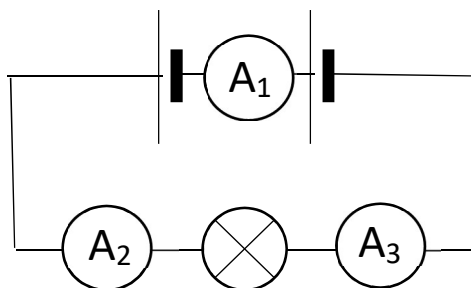


- Robert Hooke (of springs, etc.)
 - Robert Boyle (of gases, etc.)
 - Isaac Newton (of gravity, etc.)
 - James Joule (of energy, etc.)
- A brick of mass 3 kg is dropped from a height of 80 cm on to your foot. At what speed does it reach your foot?

$g = 10 \text{ m/s}^2$

 - 2 m/s
 - 3 m/s
 - 4 m/s
 - 5 m/s

5.



There are three identical ammeters in this circuit, labelled A_1 , A_2 , A_3 . Which is the correct statement about the readings on the ammeters?

- A_2 and A_3 are equal, but A_1 is less
- A_1 , A_2 , A_3 are all the same
- $A_1 = A_2 + A_3$
- A_2 is less than A_3

END of SAMPLE QUESTIONS