Codeyoung

Advanced_Grade-7_Exponents

Decimal Expansion of Numbers Using Exponents

Express in scientific notation (Values given are approximate).

1) The height and radius of a cylinder are 140mm and 200mm respectively. Find the volume of the cylinder.
   (Use formula **V=22/7 r²h**)

   _____

2) The population of China is 1,352,600,000 and the US is 327,200,000. How many more people are living in China than the US.

   _____

3) The mass of Earth is 5.97×10^{24} kg and the mass of Moon is 7.35×10^{22} kg. What is the total mass?

   _____

4) The number of visitors to the US in 2018 and 2017 were 79,620,000 and 76,940,000 respectively. How many more visitors visited the US in 2018 than 2017?

   _____