VSA
A Real English Medium School

VIDYA SHREE ACADEMY
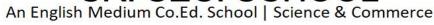## SR. SEC. SCHOOL

An English Medium Co.Ed. School | Science & Commerce

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Little Steps
Pre Primary wing of VSA

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Subject: Maths   Class: 8   Topic: Exponents and Powers

Watch video #7 and solve the following exercise:

EXERCISE 2.4

Use **Cordova Smart Class Software** on the **smart board** in class to do Exercise.

1. Write the following numbers in standard form :

   (i) 0.0000008   (ii) 37400000000   (iii) 0.00005

   (iv) 0.00000007   (v) 25430000   (vi) 0.00018

2. Write the following numbers in usual form :

   (i) 6.5×10^5 (ii) 4×10^{-6} (iii) 4.123×10^6

   (iv) 3.2×10^{-4} (v) 7.54×10^{-5}

3. The diameter of the Sun is 1.4×10^9 m whereas the diameter of the Earth is 1.2756×10^7 m. Compare the diameter of the Sun, with the diameter of the Earth.

4. The size of a red blood cell is 0.000007 m and that of a plant cell is 0.00001275 m. What is the approximate ratio of their sizes?