

HOMEWORK

CLASS	VII
SUBJECT	MATHEMATICS
DATE OF HW	25/01/2024
DATE OF SUBMISSION	29/01/2024
Chapter/Topic	EXPONENT AND POWER

1.	The value of 2^8 is (a) 128 (b) 256 (c) 512 (d) none of these	1
2.	In simplified form $(3^0 + 4^0 + 5^0)^0$ is equals to (a) 1 (b) 2 (c) 12 (d) 9	1
3.	In standard form 52,00,00,000 is equal to _____ . (a) 5.2×10^7 (b) 5.2×10^8 (c) 52×10^8 (d) $52 \times 100,00,000$	1
4.	The Base in the expression 8^{10} is _____ . (a) 10 (b) 2. (c) 8 (d) 800	1
5.	Express: (i) 1458 as a power of 2 and 3 (ii) 1280 as a power of 2 and 5 (iii) 34300 as a power of 2 , 5 and 7	3
6.	Express the number appearing in the following statements in standard form a) Mass of Uranus = 86,800,000,000,000,000,000 kg b) The distance between Sun and Saturn is 1,433,500,000,000 m c) Sun is located 300,000,000,000,000,000,000 m from the centre of our Milky Way Galaxy	3