

GIANCHERE FRIENDS SECONDARY SCHOOL

Form 2 Assignment 1, term 2, 2019 (attempt all questions provided)

Name : date

1. Use tables to find;

a. 6.312^3

b. 0.0912^3

c. 381.7^3

2. The volume of a sphere is $\frac{4}{3}\pi r^3$, where r is its radius. Find the radius when the volume is 38.808cm^3 . (take $\pi = \frac{22}{7}$)

3. Use reciprocal tables to evaluate;

a. $\frac{1}{29.43} + \sqrt{2.358}$

b. $\frac{1}{0.0125} + \frac{1}{12.5}$

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4. Simplify;

a. $\frac{25y^9k^{-7}}{81y^7k^9}$

b. $512^{\frac{2}{3}} \times 8^{\frac{1}{3}} \div 2^6$

5. Use logarithm tables to evaluate;

$$\sqrt[3]{\frac{39.46 \times 0.0876}{(7993.78)^{\frac{1}{4}}}}$$