

Please select the correct answer number for each question. There are more answers than questions. Answers may be repeated.

1) $\log x + \log y + \log z$

2) true; $\log 12 = \log (3 \cdot 4) = \log 4 + \log 3$

3) $\log \frac{3}{8}$

4) Power Prop.

5) 1.465

6) $\log \frac{x^{\frac{1}{2}} y^{\frac{1}{3}}}{z^2}$

7) 1

8) $\log_5 5 - 5 \log_5 x,$
or $1 - 5 \log_5 x$

9) about 377.7 decibels

10) $\log \frac{x^2}{y^3}$

11) 1

12) 1.285

13) $\log_5 12$

14) 2.5