

Get better at Math.  
Get better at  
everything.



Come experience the Cuemath methodology and ensure your child stays ahead at math this summer.



**Adaptive  
Platform**



**Interactive Visual  
Simulations**



**Personalized  
Attention**

For Grades 1 - 10



LIVE online classes  
by trained and  
certified experts.

Get the Cuemath advantage

**Book a FREE trial class**

## Solving Logarithmic Equations Worksheets

1. What is the quotient rule of logarithmic equations?

Solve the following equations:

2.  $2 \log_2(-5y - 7) = 15$

3.  $3 \log(18y + 12) = 2$

4.  $12 \log_{10}(2y + 1) = 8$

5.  $3 \ln(2y + 4) = 12$

6.  $7 \log_4(2y) + \log_4(y + 12) = 3$

7.  $\log_6(2y + 8) + \log_6(9) = \log_6(32)$

8.  $2 \log_7(y - 1) + 3 \log_7(2y + 3) = \log_7 14$

9.  $\log_3 y + \log_3(2y + 3) = \log_3(2y + 8)$

10.  $2 \log_5(3y - 10) - 2 = \log_5(y + 9)$

When you learn math  
in an interesting way,  
you never forget.



**25 Million**

Math classes &  
counting

**100K+**

Students learning  
Math the right way

**20+ Countries**

Present across USA, UK,  
Singapore, India, UAE & more.

## Why choose Cuemath?

"Cuemath is a valuable addition to our family. We love solving puzzle cards. My daughter is now visualizing maths and solving problems effectively!"

- Gary Schwartz

"Cuemath is great because my son has a one-on-one interaction with the teacher. The instructor has developed his confidence and I can see progress in his work. One-on-one interaction is perfect and a great bonus."

- Kirk Riley

"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect. She is extremely patient and generous with Miranda."

- Barbara Cabrera

Get the Cuemath advantage

**Book a FREE trial class**