

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



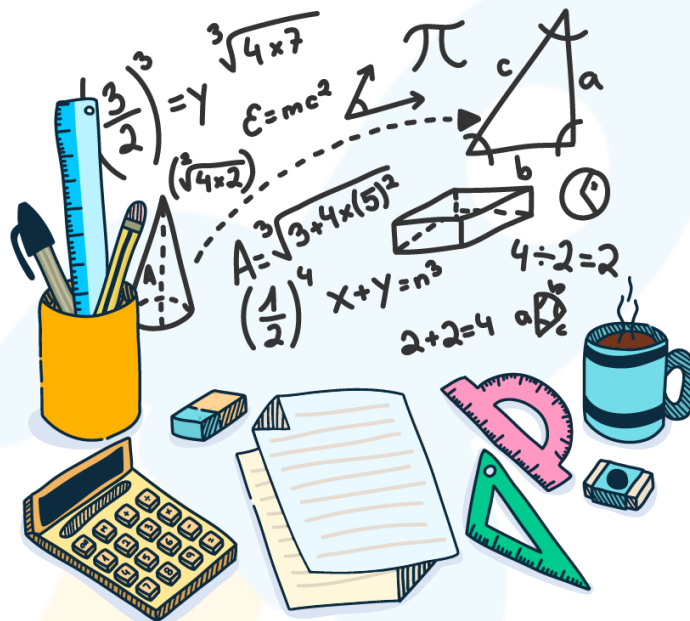
LIVE online classes
by trained and
certified experts.

Get the Cuemath advantage

Book a FREE trial class

FUNCTION WORKSHEETS

- 1) The function $f(x) = x + 7$. The value of function $f(10) = \underline{\hspace{2cm}}$.
- 2) Find $f(4)$ if the function $f(x) = 4x^3 + 2x^2 + 3x + 1$
(a) 298 (b) 301 (c) 305 (d) 310
- 3) Find the value of the function $f(x) = 5x + 10$ when $x = 3$.
(a) 12 (b) 15 (c) 18 (d) 25



- 4) Write a function $f(x)$ whose output is the sum of the 2 raised to the input and square of the input. Also, find the value of $f(3)$.
- 5) Given that $f(x) = 5x + 25$. For $f(x) = 0$, the value of $x = \underline{\hspace{2cm}}$.
- 6) $f(x)$ is a quadratic function whose roots are 4 and 8. Find $f(x)$ and also find the value of $f(2)$.
- 7) Given the function $f(x) = f(x - 1) + f(x - 3)$ for $x > 1$. Given that $f(0) = f(1) = f(3) = 1$. Find the value of $f(4)$.

8) Find the function $f(x)$ if $f(x) = g(x)^2 + h(x)^2$. Given $g(x) = 2x$ and $h(x) = 3x$.

9) Find the function $f(g(x))$ if $f(x) = x^2 + 2x$. Given $g(x) = x + 1$. Also find $f(g(2)) - f(2)$.

10) Find the value of $f(3)$ if $f(t) = 16 + t^2$.



**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

**ANSWERS**

1)	17
2)	(b) 301
3)	(d) 25
4)	$f(x) = 2^x + x^2$ $f(3) = 17$
5)	-5
6)	$F(x) = (x - 4)(x - 8)$ $F(2) = 12$

7)	2
8)	$13x^2$
9)	$f(g(x)) = x^2 + 4x + 1$ $f(g(2)) - f(2) = 5$
10)	25

FUN FACT

1. Any mathematical equation can be represented as a function. All the trigonometric ratios and logarithmic equations can be represented as a function.
2. Domain is the input value of the function, and range is the resultant or the output value of the function.
3. Function defines the mathematical rules of relating the variables x and y .

