

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**

**LINEAR EQUATIONS WORD PROBLEMS WORKSHEET**

1. Which of the following form a straight line in a graph?
  - a) Linear equation
  - b) Cubic equation
  - c) Slope-intercept equation
  - d) None of the above
2. The standard form of a linear equation is?
  - a)  $y = mx + c$
  - b)  $y^2 = mx + c$
  - c)  $y^2 = m x^2 + c$
  - d) none of the above
3. A linear equation always gives a positive slope in the x-direction.
  - a) True
  - b) False
4.  $4y = x - 2$  is a linear equation
  - a) True
  - b) False
5. Which of the following will have the maximum slope
  - a)  $y = 3x - 2$
  - b)  $y = 3x + 2$
  - c)  $y = 4x - 5$
  - d)  $2y = 4x - 5$
6. For the linear equation  $3y = 2x + 7$ , the y-intercept is\_\_\_\_\_.
7. Slope of the linear equation  $4x = 2y - 3$  is \_\_\_\_\_.
8. Sam walks for a period of 30 minutes in north direction with an average speed of 4 miles/hr. How far he has traveled in this period?
9. Plot a graph using the following points and calculate the rate of change. (0,4) (1,7), (2,10), (3,13).
10. Water runs at 9 gallons per minute through a tap. It takes 1.5 hours to fill a tank completely. Find the capacity of the tank.

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)	a) Linear equation
2)	a) $y = mx + c$
3)	False
4)	False
5)	c) $y = 4x - 5$
6)	$\frac{7}{3}$
7)	2
8)	2 miles
9)	3
10)	180 gallons