

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 Worksheets

- 1) Simplify:  $4x - 8 = 3x + 7$
- 2) Find the value of  $x$ .  $5(x + 1) - 3(2x + 4) = 4x - 7$



- 3) The perimeter of a square is 24 units. A rectangle of length 12 units has the same area of that of the square. The breadth of the rectangle is \_\_\_\_\_.
- 4) The sum of three consecutive numbers is 51. Find the three even numbers.
- 5) Solve for  $x$ .  $0.8x + 4/3 = 5/9 - 2x$
- 6) The number which when added to 5 times itself gives 72, is:  
(a) 12      (b) 18      (c) 24      (d) 26      (e) 28
- 7) Four-fifth of a certain number is 64. half of that number is \_\_\_\_\_.  
(a) 16      (b) 32      (c) 40      (d) 80      (e) 160
- 8) In a two digit number, the ten's digit is twice the unit's digit. When the number is decreased by 36, the digits are reversed. Find the two digit number.  
(a) 63      (b) 84      (c) 93      (d) 31

9) A two-digit number is 7 more than three times the sum of the digits. If 36 is added to the number, the digits are reversed. Find the two digit number.  
(a) 86                      (b) 64                      (c) 28                      (d) 37

10) The ratio of the ages of John and Peter is 3 : 5. The sum of their ages is 24 years. The ratio of their ages after 3 years will be:  
(a) 4 : 3    (b) 2 : 3    (c) 7 : 4  
(d) 6 : 5    (e) 2 : 1



**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)	15
2)	0
3)	3 units
4)	16, 17, 18
5)	$14/45$
6)	a) 12
7)	c) 64
8)	b) 84
9)	d) 37
10)	b) 2:3

## FUN FACT

1. Linear expressions graphically can be represented as a line.
2. A problem situation with unknown values is often represented as a linear expression.
3. Linear expressions use variables  $x$  and  $y$  and are first degree expression.

