

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

8th Grade Algebra Worksheets

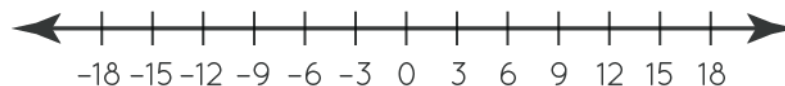
1) Identify the coefficients and constants in the following expression: $4a + 3$

2) Solve the following equation for a : $a \times 8 = 32$

3) Your friend eats 50 fries less than 3 times the amount of french fries you do. If you eat a 100 fries, find out how much your friend eats?

You	Friend
	
100	

4) Solve the following and graph the solution -
 $x + 4 > 13$ and $x + 9 < 3$



5) The distance between Chicago and New York is 100 miles less than 3 times the distance between New York and Miami. If m is the distance between New York and Miami, which expression can be used to denote distance between Chicago and New York?

- a) $100 - 2m$
- b) $3m - 100$
- c) $100m - 3$
- d) $2 - 100m$

6) Simplify the following expression: $3x + 7 - 8x - 15$

7) Solve the riddle.

$$\text{Cake} + 4 \text{ Cakes} = 35$$



$$\text{Pizza Slice} + \text{Cake} = 10$$

$$\text{Cake} - 2 \text{ Pizza Slices} = \underline{\hspace{2cm} ? \hspace{2cm}}$$

8) John got a few marbles and divided it equally among 3 friends of his and himself. While playing with them. He lost 5 of marbles and was left with only 2. Find out how many marbles John initially had before dividing.

9) Use the Distributive Property to simplify the given expression: $2(x + 9)$

10) Find the value of x .

 : \$10 +  : \$ x + 5 = \$25 $x =$?

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."

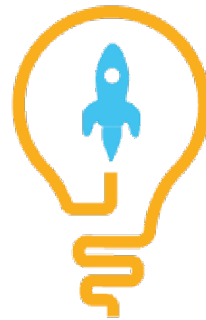
- Kirk Riley

"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)	Coefficient - 4, Constant - 3
2)	$a=4$
3)	Friend - 250 You - 100
4)	$x > 9$, $x < -6$
5)	b) $3m-100$
6)	$-5x-8$
7)	1
8)	28 marbles
9)	$2x+18$
10)	\$10

FUN FACT

1. The signs of (+) and (-) were discovered in the 16th century. Before that, people use words to express addition and subtraction or positive and negative values which was a time consuming process.
2. The roots of algebra are back to 1900 BC when it was traced that it was Babylonians who came up with Algebra.
3. The first book on Algebra was written in the 9th century by Muhammad ibn Musa al-Khwarizmi

