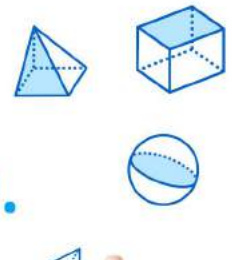
cuemath
THE MATH EXPERT

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

cuemath
THE MATH EXPERT

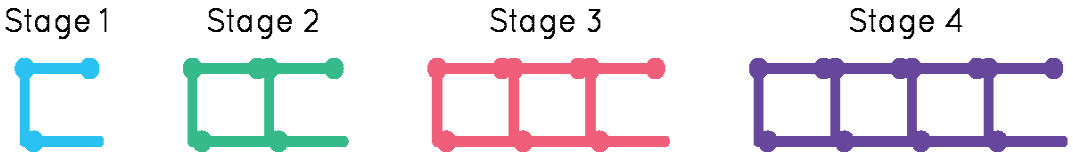
8th Grade Algebra Worksheets

1) Which values of x and y satisfy the given equation:
$5x-10=y-34$

a) $x=7, y=3$
b) $x=39, y=3$
c) $x=2, y=36$
d) $x=3, y=39$

2) Evaluate the following: $\frac{a}{b}$ where a = 21, b = 7

3) Observe the pattern carefully and answer the questions written below.



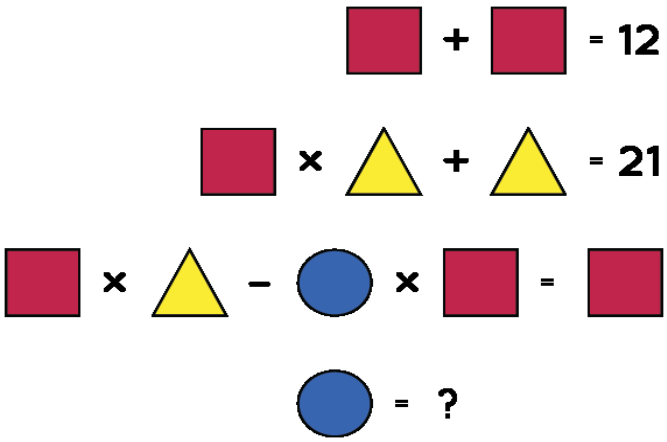
a) How many sticks would be required in stage-5?
b) How many sticks would be required in stage-20?

4) Three friends went to the restaurant. The total bill was $56. If two of the friends paid $40, how much would the third person have to pay?

5) How many packs of orange juice can you buy with $234, if one pack costs $13?

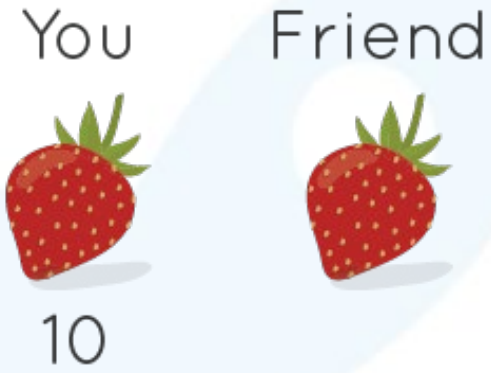
Price-$13

6) Solve the riddle given below.



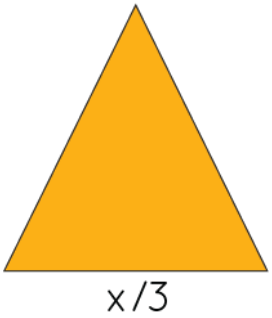
7) Number of girls is twice the number of boys in the class. If the total number of students is 45, find the number of girls and boys?

8) Your friend eats 25 strawberries more than the number of strawberries you do. If you eat 10 strawberries, find out how much your friend eats?



9) Identify the coefficients and constants in the following expression: 3 + 7x

10) ABC is an equilateral triangle with each side measuring 15. Find the value of x.



cuemath
THE MATH EXPERT

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

cuemath
THE MATH EXPERT

ANSWERS

1)	d) x=3, y=39
2)	3
3)	a) 15 sticks, b) 60 sticks
4)	$16
5)	18 packs
6)	1
7)	Girls=30, Boys=15
8)	35 strawberries
9)	Coefficient=7, constant=3
10)	45

cuemath
THE MATH EXPERT

FUN FACT

1. Algebra was developed by the Greeks and Babylonian mathematicians.

2. 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.

3. Algebra is a Latin word derived from the Arabic word 'Al-Jabr'.