

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**

## 4<sup>th</sup> Grade Algebra Worksheets-3

- 1) Find the value of  $x$ , if  $5x + 2 = 12$ .
- 2) If  $x = 1$ , find the value of  $9x - 7$ .
- 3) Tim and Elle were playing in the garden. If Tim ran three more rounds of the garden than Elle. Find the number of rounds made by Elle if both of them collectively ran 13 rounds.



- 4) If  $x = 3$ , find the value of  $12x + 9$ .
- 5) Find the value of  $x$ , if  $4x = 16$ .
- 6) Solve:  
$$\frac{x}{7} = 2.$$
- 7) Find the value of  $x$ , if  $6x + 18 = 30$ .
- 8) Find the value of  $y$ , if  $y - 7 = 28$ .
- 9) Solve:  
$$16 = 8 + 4y.$$

10) Wade went to a fruit seller, he asked for four apples and three oranges. If the price for oranges is \$3 per orange and Wade gave a total amount of \$17. Find the rate of apples.



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."

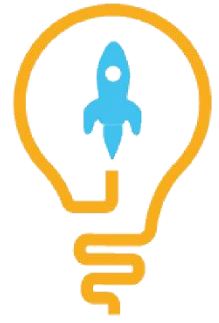
- Kirk Riley

"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

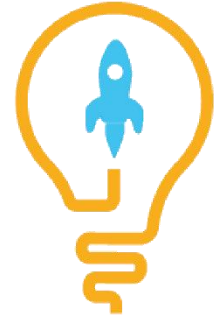
Get the Cuemath advantage

**Book a FREE trial class**

**ANSWERS**

1)	2
2)	2
3)	5
4)	45
5)	4
6)	14
7)	2
8)	35
9)	2
10)	\$2





## SOLUTIONS

Complete solution/explanation

1)  $5x + 2 = 12 \Rightarrow 5x = 12 - 2 \Rightarrow 5x = 10 \Rightarrow x = 2.$

2)  $9(1) - 7 = 2.$

3) Let the rounds run by Elle be  $x$ .  
Therefore, Tony ran  $x + 3$  rounds.  
Now,  $x + (x + 3) = 13 \Rightarrow 2x + 3 = 13 \Rightarrow x = 5.$

4)  $12 \times 3 + 9 = 45.$

5)  $4x = 16 \Rightarrow x = \frac{16}{4} \Rightarrow x = 4.$

6)  $x = 7 \times 2 \Rightarrow x = 14.$

7)  $6x + 18 = 30 \Rightarrow 6x = 12 \Rightarrow x = 2.$

8)  $y = 28 + 7 \Rightarrow y = 35.$

9)  $16 - 8 = 4y \Rightarrow 8 = 4y \Rightarrow y = 2.$

10)  $4x + 3 \times 3 = 17 \Rightarrow 4x = 17 - 9 \Rightarrow x = 2.$

## FUN FACT

1. The area of a circle was first found by the help of an algebraic equation.
2. The equations of algebraic expressions were used by ancient Egyptians more than 5000 years ago!
3. Did you know that the signs of addition (+) and subtraction (-) were just discovered in the 16th century? Before that, people used words to describe such operations.

