

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

6th Grade Proportions Worksheets

Questions

(1) Complete the table:

	$x : y$	$y =$	$x : y : z$
(a)	10 : 13	52 : 45	<input style="width: 40px; height: 20px; border: 1px dashed red;" type="text"/> : <input style="width: 40px; height: 20px; border: 1px dashed red;" type="text"/> : <input style="width: 40px; height: 20px; border: 1px dashed red;" type="text"/>
(b)	18 : 75	50 : 7	<input style="width: 40px; height: 20px; border: 1px dashed red;" type="text"/> : <input style="width: 40px; height: 20px; border: 1px dashed red;" type="text"/> : <input style="width: 40px; height: 20px; border: 1px dashed red;" type="text"/>
(c)	1.5 : 4.8	1.6 : 52	<input style="width: 40px; height: 20px; border: 1px dashed red;" type="text"/> : <input style="width: 40px; height: 20px; border: 1px dashed red;" type="text"/> : <input style="width: 40px; height: 20px; border: 1px dashed red;" type="text"/>

(2) If 2 dozen apples cost \$37, then how many apples can be purchased with \$7?

(3) Ema starts her office work daily at 10:30 AM and ends at 08:05 PM. She takes a break of 40 minutes to have lunch and one tea break of 20 minutes. The ratio of the time she spends working to her breaks is _____:_____

(4) If the width of a rectangular park is 60 m and its perimeter is 3.28 m, then what is the ratio of the width of the park to its length?

(5) Katy walks at a speed of 8 km/h and crosses a bridge in 15 minutes. What is the length of the bridge?



(6) A dove flies at 15 km/h. How long will it take to fly 180 km?



(7) Jason drove at 50 km/h for 3 hours. If he continues driving at the same speed, how much distance will he cover in 12 hours?

(8) A bus leaves a bus stop at 36 km/h. 30 minutes later, a car leaves the bus stop at 50 km/h. At what distance (from the bus stop) will the bus and the car meet?

(9) Tina can make 30 cane baskets in 45 days. At this rate, in how many days can she make 20 baskets?



(10) In a Math examination which has questions worth 100 marks, Jenny scores 55 marks while Derek loses 33 marks in his paper. What is the ratio of the marks of Jenny to that of Derek?

Answers

**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.

Hours Biked	Miles Traveled
1	12
2	26
3	30
4	48

6.

12 hrs

2. 48 apples.

7. 600 km

3. 9:1

8. 1:2

4. 1:2

9. 15 baskets

5. 2 km

10.