





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



Ratio and Proportion Worksheets

- 1. If a : b = 3 : 2 and b : c = 3 : 5, then a : b : c is
 (a) 12 : 9 : 25 (b) 15 : 9 : 10 (c) 9 : 6 : 10
 (d) 15 : 9 : 25
- 2. What is the mean proportional of 72 and 32? (a) 36 (b) 45 (c) 48 (d) 60
- 3. Income and expenditure of a person is in the ratio 5:
 4. If income of the person is Rs.18000, then his savings is
 (a) Rs.3600 (b) Rs.3200 (c)Rs.3000 (d) Rs.3400

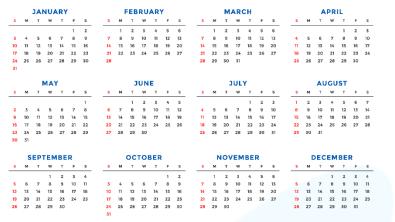


- 4.5:7::x:35. Find the value of x.
- 5. (a + b): (b + c): (c + a) = 5: 6: 7. a + b + c = 72. Find the value of b.
- 6. If P: 1.25:: 7: 5, then P is equal to: (a) 1.12 (b) 1.2 (c) 1.25 (d) 1.75
- 7. In a ratio which is equal to 4; 5, if the antecedent is 24, then the consequent is:
 (a) 9 (b) 16 (c) 20 (d) 30
- 8. Two number are in the ratio 4: 5. If 15 is subtracted from each, the new numbers are in the ratio 5: 7. The largest of the two numbers is _____.

 (a) 27 (b) 33 (c) 49 (d) 50 (e) 60



- 9. If 20 men take 12 days to dig a well, working 3 hours a day. Find the time taken by 12 men to dig the same well working 6 hours a day.
 - (a) 24 (b) 180 (c) 30 (d) 25



- If 60% of a number is equal to four fifth of another number, what is the ratio of first number to the second number?

- (a) 2 : 5 (b) 3 : 7 (c) 4 : 3 (d) 7 : 3
- A varies directly as B^2 , When B = 3, A = 6. Find A when B = 6(a) 18 (b) 12 (c) 25 (d) 24 (e) 36

- 12. If a : b = 2 : 3, then find (3a b) / (5a 2b)
- (a) 2/7 (b) 1/7 (c) 3/7 (d) Cannot be determined
- P : Q = 4 : 7, Q : R = 2 : 3. Find P : Q :13. R



14. A mixture contains milk and water in the ratio 4: 3. If 5 liters of water is added the ratio becomes4 : 5. Find the quantity of milk in the mixture.



- 15. If \$72 are divided between two friends in the ration 1/4: 1/5 respectively. Find the amount received by each friend.
- 16. The mean proportion of 102 and 98 is



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!"

"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."

"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."

- Gary Schwartz

- Kirk Riley

- Barbara Cabrera

Get the Cuemath advantage

Book a FREE trial class





ANSWERS

1)	(c) 9, 6, 10
2)	(c) 48
3)	(a) 3600
4)	25
5)	16
6)	(d) 1.75



-`	/ 1 \
7)	(d) 30
8)	(d) 50
9)	(b) 10
10)	(c) 4 : 3
11)	(c) 5 : 3
12)	(c) 3 : 7
13)	8 : 14 : 21



14)	10 liters
15)	\$45, \$36.
16)	√ 9996



FUN FACT

- 1. Ratio of water and land on the earth is 29 : 71.
- 2. The ratio of carbon to oxygen in carbon dioxide is 2.66: 1
- 3. Ratio of Mass of Proton to Electron is 1.8×10^3 .

