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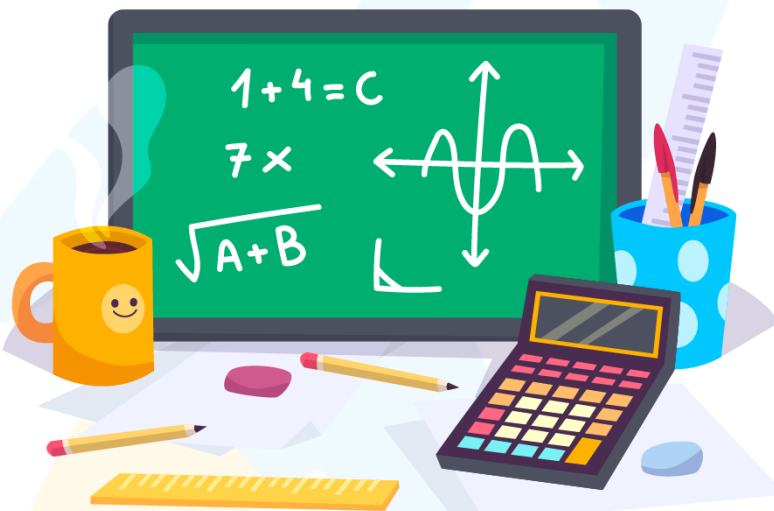
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RATIO WORD PROBLEMS, WORKSHEET I

- 1) If the ratio of the marbles that Fin has to the marbles that Sam has is 3: 2. Find the number of marbles that Sam has, if Fin has 18 marbles.
- 2) If the ratio of wage in \$ to the work in hours is 22: 11. Find the wage if the working hour is 1.
- 3) If the ratio of number of burgers sold to the number of pizzas sold are 18: 10. Find the number of burgers sold, if in total 90 pizzas were sold.



- 4) Ratio of cars to the bikes in a society is 12: 28. Find the number of cars in the society if there are 7 bikes in total.
- 5) 8:7 is the ratio of marks obtained by two friends. If the first friend obtained 72 marks, find the marks obtained by second friend.
- 6) Amy works in a parlor, the ratio of her salary to the hours of work is 40:1. If she earned \$360, how many hours did she work in the parlor?
- 7) Emma earns \$45 per 2 hours for babysitting. If she worked for 31 hours. How much will she be paid?

8) Ratio of the height of father to the height of his son is 3:2. If the height of the son is 116 cm. Find the height of the father.

9) Cathy and Olive raced in a racing track. If Cathy took 12 mins to cover the track and Olive took 14 mins to cover. In another track. If Cathy took 36 mins to cover, how much will Olive take if the speed of both remains the same.



10) Leo has 12 pennies and Nelson has 15 pennies. Write the ratio of the pennies that Leo and Nelson have.

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in an interesting way,
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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."

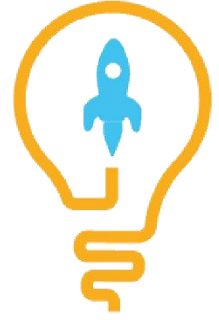
- Kirk Riley

"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

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**ANSWERS**

1)	12
2)	2
3)	162
4)	3
5)	63
6)	9 hours
7)	\$697.5
8)	174 cm
9)	42 mins
10)	4:5