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## 6th Grade Ratio Worksheet IV

Q1. Represent Squares and Circle in the ratio 4: 5.

Q2. Distribute the \$ 500 in the ratio 2:3.

Q3. Compare the given ratio

a). 3:9 \_\_\_\_\_ 4:12

b) 12:30 \_\_\_\_\_ 10:28

Q4. A grocery shop sells cookies and chocolates in the ratio of 5 to 7. If the shop sells 35 chocolates, what is the number of cookies sold by the grocery shop?



:



5 : 7

Q5. The ratio of the amount of water in two containers is 3 to 7. If the first container has 21 gallons of water, find the amount of water in the second container?

Q6. There are 18 leather belts and 24 PU belts. Write the ratio of PU belts to leather belts.

Q7. The marble to the stone ratio in a jar is 3 to 7. If there are 30 marbles, then how many stones are there in the jar?

Q8. Divide 72 lbs in the ratio 2: 6: 12.

Q9. The red color pens to green colors pen ratio are 4 to 6. If there are a total of 40 red pens, then how much green pens are there?



Q 10. A teacher orders a few books online. He orders 20 math books and 12 English books.

- What is the ratio of Maths books to English books?
- What is the ratio of Maths books to all books?

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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."

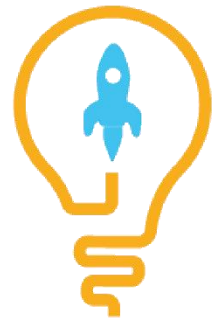
- Kirk Riley

"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. 4:5	2. 200: 300	3 a. $3:9 = 4:12$ b. $12:30 > 10:28$	4. 35	5. 49 gallons
6. 4:3	7. 70	8. 7.2, 21.6 and 43.2	9. 60	10. 5:8

## FUN FACT

1. In ratio, the first term is called antecedent, and the second term is consequent.
2. Ratio of similar quantities has no unit whereas, ratio of different types of quantities, the ratio has units.
3. Golden ratio is a special type of ratio used in ancient times for the construction of buildings.

