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6th Grade Ratio Worksheet III

Q1. Divide 99 lbs in the ratio 6:5.

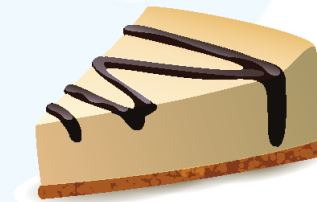
Q2. Reduce ratio to its lowest term

a.) $36:18 = \dots\dots\dots$ b.) $77: 99 = \dots\dots\dots$

Q3. Write the pair of fractions into ratio.

a. 67 and 38 b) 169 and 53

Q4. A bakery shop makes cupcakes and pastries in the ratio of 6 to 14. If the shop prepares 24 cupcakes, what is the number of pastries prepared by the bakery shop?



16 : 14

Q5. Divide 126 oz in the ratio 3: 6: 12.

Q6. The ratio of apple sold to pineapple sold is 8 to 9. If a total of 24 apples were sold, then how many pineapples were sold by the fruit seller?

Q7. The marble to the stone ratio in a box is 6 to 7. If there are 48 marbles, then how many stones are there?

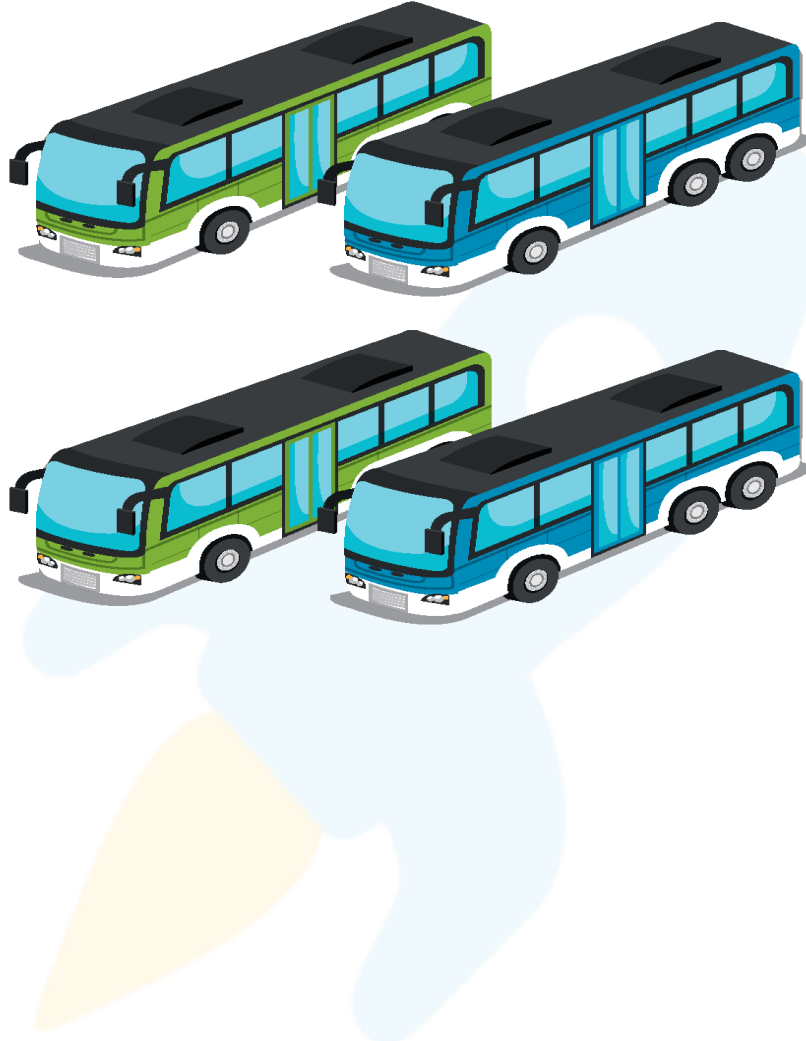
Q8. Compare the ratio

a). $16:112$ _____ $14:21$

b) $12:33$ _____ $18:44$

Q9. Represent Squares and triangles in the ratio 2: 7.

Q10. Four Bus have a total capacity of 160 passengers. How many passengers can travel per bus?



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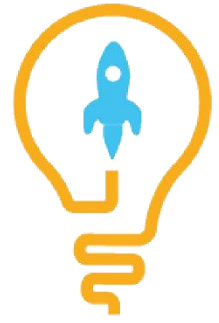
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**ANSWERS**

1. 54, 45	2 a. 2:1 b. 7: 9	3 a. 16 : 7 b. 16 : 15	4. 42 pastries	5. 18 : 35 :72
6. 27	7. 56	8 a.) 16:12 > 14:21 b.) 12:33 < 18:44	9. 2: 7.	10. 40:1

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.

