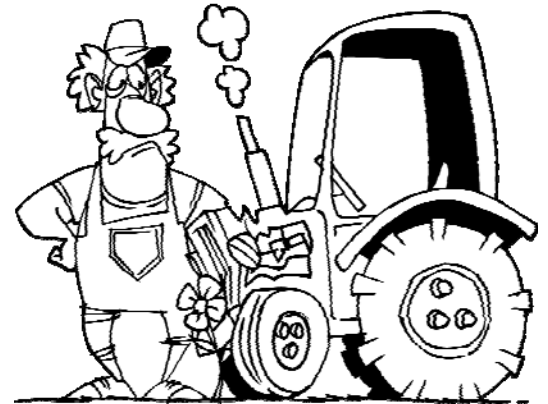Topic : Ratio and Proportion Word Problems- Worksheet 1

1. A Java book is comprised of two sections core and advanced Java in the ratio 7:2. How much of each type of content will be needed to make a book of 450 pages?

2. 30 girls and boys have planned for a picnic. There is a ratio of 3 girls to 7 boys. How many boys are there?

3. 12 miles is approximately equal to 6 km. How many km are equal to 18 miles? How many miles are equal to 42 km?

4. 5 pizzas cost $60. What will 9 pizzas cost?

5. 6 stuffed peppers cost $36. What will 12 stuffed peppers cost?

6. Mr. Jeff divided his money in the ratio 4:2 between Jon and Jack. Jon got the smaller amount of $1,256. How much did Jack receive?

7. 3:4 = 15:20. True OR False?

8. 2:5 and 30:20 are equal ratios. True OR False?

9. 3:4 = 6:8? True OR False?

10. 10 glasses cost 40 dollars. How much do 20 glasses cost?

Name: _____

Date _____

Topic : Ratio and Proportion Word Problems- Worksheet 2

1. An English book is comprised of two sections, literature and grammar, in a ratio of 3:2. How much of each type of content will be needed to make a book of 150 pages?

2. 80 girls and boys have planned for a movie. They are in a ratio of 6 girls to 2 boys. How many girls are there?

3. 8 miles is approximately equal to 6 km. How many km are equal to 28 miles? How many miles are equal to 42 km?

4. 10 burgers cost $60. What will 15 burgers cost?

5. 2 apples cost $20. What will 5 Apples cost?

6. Mr. Jose divided his money in the ratio 5:2 between Brian and Bogie. Brian got the smaller amount of $156. How much did Bogie receive?

7. 6:7 = 36:42. True OR False?

8. 4:3 and 25:45 are equal ratios. True OR False?

9. 4:7 = 12:21. True OR False?

10. 8 plates cost 48 dollars. How much do 20 plates cost?

Name: _____   Date _____

<u>Topic : Ratio and Proportion Word Problems- Worksheet 3</u>

1. A chemistry book comprises of two section: organic and non-organic in the ratio 2:8. How much of each type of content will be needed to make a book of 400 pages?

2. 35 girls and boys have planned for a walk. There is a ratio of 5 girls to 2 boys. How many boys are there?

3. 6 miles is approximately equal to 9 km. How many km are equal to 54 miles? How many miles are equal to 12 km?

4. 6 pastries cost $30. What will 4 pastries cost?

5. 5 mangoes cost $25. What will 20 mangoes cost?

6. Mr. Davis divided his money in the ratio 4:6 between James and Brett. James got the smaller amount of $540. How much did Brett receive? How much in total was the money?

7. 5:8 = 42:56. True OR False?

8. 4:8 and 32:64 are equal ratios. True OR False?

9. 3:6 = 12:24. True OR False?

10. 8 balls cost 16 dollars. How much do 32 balls cost?

Topic : Ratio and Proportion Word Problems- Worksheet 4

1. A social science book comprises of two sections: geography and civics in the ratio 4:3. How much of each type of content will be needed to make a book of 490 pages?

2. 40 girls and boys have planned for annual function. They are in a ratio of 2 girls to 6 boys. How many boys are there?

3. 5 miles is approximately equal to 25 km. How many km are equal to 75 miles? How many miles are equal to 50 km?

4. 5 roses cost $55. What will 4 roses cost?

5. 3 pens cost $15. What will 30 pens cost?

6. Mr. Elvis divided his money in the ratio 2:6 between Eric and Shan. Eric got the smaller amount of $420. How much did Shan receive?

7. 8:4 = 16:64. True OR False?

8. 3:2 and 48:32 are equal ratios. True OR False?

9. 5:6 = 16:18. True OR False?

10. 7 bowls cost 21 dollars. How much do 15 bowls cost?

Topic : Ratio and Proportion Word Problems- Worksheet 5

1. A math book comprises of two sections: arithmetic and geometry in the ratio 5:3. How much of each type of content will be needed to make a book of 480 pages?

2. 90 girls and boys have planned for an educational tour. They are in a ratio of 3 girls 6 to boys. How many girls are there?

3. 9 miles is approximately equal to 16 km. How many km are equal to 63 miles? How many miles are equal to 48 km?

4. 12 dolls cost $60. What will 72 dolls cost?

5. 5 chocolates cost $25. What will 15 chocolates cost?

6. Mr. George divided his money in the ratio 2:6 between Evan and Ricky. Evan got the smaller amount of $420. How much did Ricky receive?

7. 4:3 = 60:45. True OR False?

8. 2:6 and 24:72 are equal ratios. True OR False?

9. 3:7 = 15:45. True OR False?

10. 4 spoons cost 12 dollars. How much do 16 spoons cost?