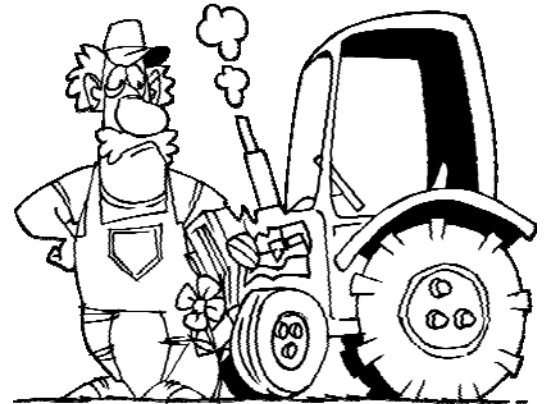Name: _____   Date _____

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. When measuring distance 12 beads are approximately equal to 6 erasers. How many erasers are equal to 18 beads? How many beads are equal to 42 erasers?

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. When measuring time, 8 concerts are approximately equal to 6 symphonies. How many symphonies are equal to 28 concerts? How many concerts are equal to 42 symphonies?

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 _____

Topic : Ratio and Proportion Word Problems- Worksheet 3

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. When measuring weight 6 small dogs are approximately equal to 9 large cats. How many large cats are equal to 54 small dogs? How many small dogs are equal to 12 large cats?

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?

Name: _____   Date _____

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.   When measuring time, 5 movies are approximately equal to 25 TV sitcom episodes. How many TV sitcom episodes are equal to 75 movies? How many movies are equal to 50 TV sitcom episodes?

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?

Name: _____   Date _____

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. When measuring length 9 butcher knives are approximately equal to 16 steak knives. How many steak knives are equal to 63 butcher knives? How many butcher knives are equal to 48 steak knives?

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?