

Name _____ Date _____

Ratio and proportion word problems- Worksheet 1

Find out:

1. Java book comprises of two section core and advanced java in the ratio 4:5. How much of each type of content will be needed to make a book of 450 pages?
2. 30 girls and boys are planned for a picnic. There are in a ratio of 7 girls to 5 boys. How many boys are there?
3. 15 miles is approximately equal to 18 km. How many km are equal to 45 miles? How many miles are equal to 42 km?
4. 10 pizzas cost \$60. What will 8 pizzas cost?
5. 5 stuffed peppers cost \$10. What will 4 stuffed peppers cost?
6. Mr. will divided his money in the ratio 3:5 between Ron and O'Neil. Ron got smaller amount of \$1,550. How much did O'Neil receive? How much in total were the winnings?
7. $2:4 = 16:18$? True OR False?
8. 4:5 and 2:20 are in equal ratios? True OR False?
9. $7:4 = 6:8$? True OR False?
10. 12 T-shirts cost 48 dollars. How much do 5 T-shirts cost?