Percentage and Ratio Practice

# 30 Minutes – (Don’t skip any questions)

1. At a certain health club, of the members use both the pool and Sauna but of the members who use the pool do not use the Sauna. What percent of the members of the health club uses the pool?

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1. If it is 250 miles from New York to Boston and 120 miles from New York to Hartford, what % of the distance from New York to Boston is the distance from New York to Hartford?

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1. The lead in a mechanical pencil is inches long. After pieces of of an inch long, inches long, and inches long are broken off, how many inches long is the lead left in the pencil?

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1. It costs each to make the 1st thousand copies of a record and it costs x dollars to make each subsequent copy. How many dollars will it cost to make 4800 copies of a record?

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1. If a worker makes boxes of labels in hours, how many boxes of labels can he make in minutes?

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1. A brush salesman earns salary each month plus commission on the value of his sales. If he earned last month, what was the total value of his sales?

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1. A store buys paper towels for a carton, each containing rolls. The store sells a roll of paper towels for . About what percent of the cost is the selling price of a roll of paper towels?

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1. A history book weighs 2.4 lbs. 12 copies of the history book and 8 copies of an English book together weigh 42.8lbs. How much will one copy of the English book weigh?

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1. A car goes miles on a gallon of gas when it is driven at miles per hour. When the car is driven at miles per hour it only goes as far. How many miles will it travel on a gallon of gas at miles per hour?

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| 1. 12 | 1. 13.5 | 1. 16.5 | 1. 18.75 | 1. 20 |

1. If the numerator of a fraction is increased by 20% and the denominator be diminished by 10%, the value of the fraction is 16 / 21. The original fraction is

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1. If it costs x cents to produce a single sheet of paper for the 1st 800 sheets and if every subsequent sheet costs cents, how much will it cost to produce 5,000 sheets of paper?

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1. If in 1967, 1968 and 1969 a worker received 10% more in salary each year than he did the previous year, how much more did he receive in 1969 than in 1967?

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1. A person receives a percentage of the sale of each book as royalty. If it is of the cost of each book and total royalty received by him are , what is the cost of each book if total of books were sold?

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1. If John makes a box every 5 minutes and Tim takes 7 minutes to make a box, what will be the ration of the no. of boxes produced by John to the no of boxes produced by Tim if they work 5 hours and 50 minutes?

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1. If a store sells crates of lettuce on Monday, on Tuesday, on Wednesday and on Thursday, how many crates has the store sold altogether?

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1. Three persons A, B and C whose salaries together amount to , spend and percent of their salaries respectively. If their savings are , find their respective salaries.

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1. If 50 apprentices can finish a job in 4 hours and 30 journeymen can finish the same job in hours, how much of the job should be completed by apprentices and journeymen in hour?

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1. If of all women are voters and of the population are women, what percent of the population are women voters?

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1. If a bus can travel miles on a gallon of gas, how many gallons of gas will it use to travel miles?

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1. If is divided among A, B and C so that A receives more than B and B receives less than C, then C’s share is

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