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Percentage profit worksheet

Problem 1: Cindy bought 50 pens for \$100. She then sold each pen for \$2.50. Find the percentage of profit or loss. Problem 2: Jacob bought a house for \$49,000. He spent \$6,000 on repairs and \$5,000 on air conditioning. If he had sold the house for \$58,000, find the percentage gain or loss in that transaction. (If necessary, round your answer to the nearest hundredths) Problem 3: Goods are purchased for \$1,500. If one-fifth of the goods sold at a profit of 5% and the remaining four-fifths of the goods at a profit of 10%, find the percentage of net profit. Problem 4: A merchant bought a product for \$200. If marks its goods 20% above the cost price and gives a 10% discount for cash, find its profit percentage. Problem 5: A person wants to get 20% profit after selling his item at 20% off. Find the required percentage increase in the marked price. Problem 1 Solutions: Cindy bought 50 pens for \$100. She then sold each pen for \$2.50. Find the percentage of profit or loss. Solution :P x cost of 50 pens = \$100 Cost price of 1 pen = 100/50 = \$2 The selling price of 1 pen = \$2.50 Amic that the selling price of 1 pen is more than the cost price of 1 pen, there is the profit. Profit Search :P rofit - Sale Price - Cost Price Profit - 2.50 - 2 Profit - 0.50 Percentage of Research Profit :P Rofit % - (Profit/Profit Price Cost) - 100% Profit % - (0.50/2) - 100% Profit % - 25% Problem 2: Jacob bought a house for \$49,000. He spent \$6,000 on repairs and \$5,000 on air conditioning. If he had sold the house for \$58,000, find the percentage gain or loss in that transaction. (If necessary, round your answer to the nearest hundredths) Solution: The total amount spent on the house is 49,000 - 6,000 - 5,000 = 60,000 That's the cost of the house (\$60,000). The sale price of the house = 58,000 \$Parce that the selling price of the house is less than the cost price, there is a loss. Search Loss :P erte - Sale Price - Sale Price Loss - 60,000 - 58,000 Loss - 2,000 Percentage of Search Loss: Loss % - (Loss Price/Cost) 100% Loss % - (2000/60000) - 100% Loss % - 3.33% Problem 3: Goods are purchased for \$1,500. If one-fifth of the goods sold at a profit of 5% and the remaining four-fifths of the goods at a profit of 10%, find the percentage of net profit. Solution: Cost price of one-fifth of goods = 1/5 - 1500 = 300A fifth of goods (at 5% profit) is - (100 - 5)% of 300 = 305% of 300 = 1.05 - 315 - 315 Cost price of the remaining four-fifths of the goods is 4/5 - 305 - 300 = 315 Cost price of the remaining four-fifths of the goods is 4/5 - 305 - 300 = 315 Cost price of the remaining four-fifths of the goods (at 10% profit) is - (100 - 10)% of 1200 = 110% of 1200 = 1.10 - 1200 = 1,320 See the price of total goods = 315 - 1,320 = 1,635 Finding Net Profit: Net profit - Total goods - P.C. of total goods Net Profit - 1635 - Earnings - 135 Finding Net Profit Percentage: Net Earnings % - (Net Income/Cost Price) - 100% Net Earnings % - (135/1500) - 100% Net Profit % - 9% Problem 4: A trader purchased a product for \$200. If marks its goods 20% above the cost price and gives a 10% discount for cash, find its percentage of profit Solution: Cost price of the product = \$100 Marked price (20% above the cost price) is - (100 - 20) % of 200 = 120% of 200 = 1.2 - 200 = 240 The selling price is the price that is after 20% reduction compared to the marked price. Thus, the selling price is - (100 - 10) % of the marked price = 90% of 240 = 0.9 - 240 = 216 Finding Profit :P rofit - Sale price Profit - 216 - 200 Profit - 16 Finding Profit Percentage :P rofit % - (Profit/cost price) - 100% Profit % (16/200) - 100% Profit % - 8% Problem 5: A person wants to get a 20% profit after selling their item at 20% off. Find the required percentage increase in the marked price. Solution: The cost price is \$100. Then, the selling price (at 20% profit) is '100 '20% from 100 '120% from 100 '100' to 1.200's 120 Selling price is the price that is after 20% off the marked price. It was illustrated in the image below. From the image above, we get the sale price - (100 - 20)% of the price Mmarked 120 = 80% of x120 = 0.8 x Divide on both sides by 0.8 120/0.8 x1200/8 x150 x So, the marked price is \$150. Here, cost price = \$100 Price marked \$150 Hence, the required percentage increase is 50% to learn profit and loss shortcuts, please click here Apart of the things given in this section, if you need any other stuff in math, please use our custom Google search here. If you have any comments on our mathematical content, please send v4formath@gmail.com We always appreciate your comments. You can also visit the following web pages on different things in mathematics. WORD PROBLEMS HCF and LCM words problems Word problems on simple equations Word problems on linear equations Word problems on quadratic equations Algebra motalgebra problems word problems on trains Are and perimeter word problems Word problems over direct variation and reverse variation Word problems over unit price word problems on unit rate Problems Word comparison rates Convert word problems of customary units Convert word problems of metric units Word problems on simple interest problems Word on compound problems interest Word on types of angles Complementary and complementary word problems Double made word problems Trigonometry word problems Percentage word problems Profit and profit problems word problems Markup and markdown word problems Décimamal word problems on fractions Word problems on mixed fractions Une étape equation word problems Linear inequalities word problems Ratio and proportion word word and work word problems Word problems on sets and diagrams of venn Word problems on ages Pythagorean theorem word problems Percent of a number word problems Word problems on constant speed Word problems on average speed Word problems on sum of the angles of a triangle is 180 degree OTHERS TOPIC Profit and loss shortcuts Percentage table Times Shortcuts speed and distance shortcuts Ratio and proportion shortcuts Domain and rational function range Domain and range of rational functions with holes Graphing rational functions Graphing rational functions with repeated decimal holes in fractions Decimal breakdown of rational numbers Determining square root using long division. C.M method for solving time and work problems Translating word problems in the expression algebraic Remainder when 2 power 256 is divided by 17 Remainder when 17 power 23 is divided by 16 Sum of the three-digit numbers divisible by 6 Sum of three-digit numbers divisible by 7 Sum of three-digit divisible numbers by 8 Sum of the three numbers of numbers formed using 1, 3, 4 Sum of the three four-digit numbers formed with non-zero numbers Sum of the three four-digit numbers formed using 0, 1, 2, 3 Sum of the three four-digit numbers trained using 1, 2, 5, 6 copyrights onlinemath4all.com SBI! View of the 8 best worksheets found for - Percentage profit and loss. Some of the worksheets for this concept are work chapter 1 profit and loss, Work on profit and loss, S1 subject 15 percent, Loss of profit I2, Financial management in school catering work, Loss of profit, Percentage and its applications, Application of percentages. Have you found a worksheet you're looking for? To download/print, click on the pop-out icon or print icon on the worksheet to print or download. The worksheet will open in a new window. You can download or print using the browser's document reader options. Find the percentage of profit or loss on each of these transactions. Round your answers to the nearest percentage. View of the top 8 worksheets in the category - Percentage profit and loss. Some of the worksheets displayed are the Work Chapter 1 Profit and Loss, Work on Earnings and Loss, S1 subject 15 percent, Loss of Profit L2, Financial Management in School Restoration Work, Loss of Profit, Percentage and Its Applications, Percentage Application. Once you've found your worksheet, click pop-out icon or print icon on the sheet to print or download. The worksheet will open in a new window. You can download or print using the browser's document reader options. Spreadsheets on profit and loss percentage will help us practice different types of questions about finding gain or loss percent, cost price, selling price and also word problems about profit and loss percentage. 1 Find gain or percent loss when : a) Cost price - \$350 and sale price - \$400 (b) Cost price - \$250 and sale price - \$c 235) Cost price - \$300 and profit - 75 \$b) Cost price cost \$720 and Loss - \$63 Sale Price -\$1518 and Loss - \$132 (f) Sale price - \$540 and win - \$60 2. Find the cost price when: a) Selling price - \$795 and Gain % - 6%(b) Sale price - \$980 and loss % - 12% (c) Sale price - \$66.95 and Gain % - 15.1 5 25% (d) Sale price - \$2640 and loss - \$196 (e) Sale price - \$216 and loss % - 4% (f) Sale price - \$504 and gain% - 12% 3. Find the selling price when (a) Cost price - \$875 and Gain % - 5% (b) Cost price - \$750 and loss % - 15% (c) Cost price - \$480 and Gain % - 12 1/2% (e) Cost price - \$675 and loss % - 92% (f) Cost price - \$1020 and loss - \$109 4. Andy bought 120 pencils for \$2 a pencil. He sold 72 at a rate of \$2.5 per pencil and the rest at a rate of \$2 per pencil. Find his profit or his percent loss. 5. Mike sold two horses for \$18,000 each. On the one hand, he won 20% and on the other he lost 20%. Find his total gain or loss. 6. A TV was purchased for \$3900. \$200 was spent on transportation and \$900 on repairs. It was sold at a loss of 10%. Find the TV S.P. 7. A bed sheet was sold for \$483, earning 15%. Find the P.C. of the sheet. 8. Aaron bought an almirah for \$1520 and sold it at a profit of 12 1/2%. Find the sale price of almirah. 9. By selling a camera for \$2400, Ron loses 4%. At what price does he have to sell it to earn 12%. 10. By selling a stool for \$240, a carpenter loses 20%. How much per cent would he earn or lose by selling it for \$360? 11. The sale price of 12 eggs is equal to the cost price of 15 eggs. Find the percent gain. 12. The cost price of 10 bananas is equal to that of 12 bananas. Find the percent loss. The answers for the worksheets on the profit and loss percentage are given below to verify the exact answer of the above questions on profit and loss. Loss.