

Sales Discount Trickery



Question 1 (2 marks)

Will and Eliza are targeting the local jewellery store in a sting. The store has a double discount offer going – 50% off the marked price, and then a further 45% off that. Based on a massive diamond ring with a marked price of \$35990, calculate the actual correct sale price (if the discounts are applied properly in order).

Question 2 (2 marks)

The school bully Carl is pressured by Will into making a mistake when calculating the discount he should apply. He adds the two percentages together first, then applies that as the overall discount. Calculate the price that he sells the ring for.

Question 3 (1 mark)

Assuming that Will can pawn the ring for 80% of its correct sale price, how much profit will he make from the entire process?

Question 4 (2 marks)

Carl mistakenly provides an overall discount of 95%. If the first discount was 70%, what would the second discount percentage have to be in order for the overall discount to be 95%, if you apply the discounts correctly in order?