

Finding the original amount given the result of a percentage increase or decrease: Worksheet 5.1

Name Date Score

1. A violin was on sale after a markup of 25%. The sale price is \$60. What was the original price?
2. Molly buys a hand bag. There was a discount of 20%. If Molly paid \$20, what was the original price?
3. Jack bought a pair of trousers for \$60 that were marked down by 20%. What was their original price?
4. Anita bought a necklace for \$260 that was marked up by 30%. What was the original price of the necklace?
5. What is the principal, if a person paid an amount of \$432 after 1 year at 8% rate of interest per annum?
6. Kelly buys a magazine for \$30 after it was marked up 20%. What is the original price of the magazine?
7. A parrot is sold for 40% off the original price. If the sale price of the parrot was \$54, what was its original price?
8. There is a markup of 40% on the original price of a fan. If the fan was sold for \$28, what was its original price?
9. Jack had a 10%-off coupon and paid \$45 for pair of jeans. What was the original price of the pair of jeans?
10. What is the principal, if a person paid an amount of \$1325 after 1 year at 6% rate of interest per annum?



Solutions: Worksheet 5.1

1. \$48
2. \$25
3. \$75
4. \$200
5. \$400
6. \$25
7. \$90
8. \$20
9. \$50
10. \$1250

