

Finding the original amount given the result of a percentage increase or decrease: Worksheet 5.3

Name Date Score

1. Kelly buys a magazine for \$32.50 after it was marked up 25%. What is the original price of the magazine?
2. Molly buys a hand bag. There was a discount of 18%. If Molly paid \$24.60, what was the original price?
3. Jack bought a pair of trousers for \$63 that were marked down by 30%. What was their original price?
4. Anita bought a necklace for \$270 that was marked up by 25%. What was the original price of the necklace?
5. What is the principal, if a person paid an amount of \$540 after 1 year at 8% rate of interest per annum?
6. A violin was on sale after a markup of 30%. The sale price is \$78. What was the original price?
7. A parrot is sold for 30% off the original price. If the sale price of the parrot was \$56, 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 \$56, what was its original price?
9. Jack had a 10%-off coupon and paid \$36 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 \$1298.50 after 1 year at 6% rate of interest per annum?



Solutions: Worksheet 5.3

1. \$26
2. \$30
3. \$90
4. \$216
5. \$500
6. \$60
7. \$80
8. \$40
9. \$40
10. \$1225

