3. 15 is what percent of 70?



4. An increase from 80 to 100 is what percent increase?



5. A decrease from 100 to 80 is what percent decrease?



6. If you take a 10% pay cut, and later you get a 10% pay raise, is your pay back to the same amount it was before? If not, how much should the raise have been to bring you back to your original salary?

 

7. Kara's emporium sells pepper grinders at a mark-up of 20% over the wholesale cost. If the wholesale cost of a pepper grinder is $26, how much does it sell for retail at Kara's?



8. Kara's is selling the pepper grinders from the previous problem on sale at wholesale cost. What percent discount is that on the usual retail price?



9. The amount of copper in a stream was measured at 45 ppm. In the next decade the amount of copper increased by 40%. How much copper is in the stream now?



10. The amount of copper in a stream was measured at 45 ppm. In the next decade the amount of copper increased by 140%. How much copper is in the stream now?



11. Amy spent $60 on a pair of shoes. She got a really good deal, because they were marked down 45% from their original price. What was the original price for the shoes?

