Discount Problems

Name: _____ Score: _____

Solve the following percent problems and show your workings.

1. A toy car is on sale for 40% off. If the original price was $40, what is the new sales price?

2. I want to buy a book that is on sale with a 50% discount. If the sales price is $25, what was the original price?

3. After serious negotiating you got $25 discount on a pair of sneakers. If the original price of the sneakers was $125, what percentage discount did you get?

4. If you buy 2 pens you get a 50% discount on the second pen. If 1 pen costs $2.30, how much will 2 pens cost you?

5. I got a $12 dollar discount on a $60 head set. What was the percentage discount I got?

6. I got a 12% discount on a pair of jeans and a 25% discount on a t-shirt. If the original price of the jeans was $100 and that of the t-shirt $50, how much did I pay for both items?

Answers

Solve the following percent problems and show your workings.

1. A toy car is on sale for 40% off. If the original price was $40, what is the new sales price?

   40 - (0.4 x 40) = $24

2. I want to buy a book that is on sale with a 50% discount. If the sales price is $25, what was the original price?

   op - (0.5 x op) = 25   0.5 op = 25   Original Price =$50

3. After serious negotiating you got $25 discount on a pair of sneakers. If the original price of the sneakers was $125, what percentage discount did you get?

   (25 ÷125) x 100 = 20%

4. If you buy 2 pens you get a 50% discount on the second pen. If 1 pen costs $2.30, how much will 2 pens cost you?

   2.3 + (0.5 x 2.3) = $3.45

5. I got a $12 dollar discount on a $60 head set. What was the percentage discount I got?

   (12 ÷60) x 100 = 20%

6. I got a 12% discount on a pair of jeans and a 25% discount on a t-shirt. If the original price of the jeans was $100 and that of the t-shirt $50, how much did I pay for both items?

   (100 -(100 x 0.12)) + (50 - (50 x 0.25)) = $125.50