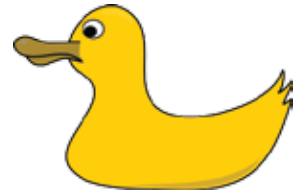


Discount Problems

Name: _____ Score: _____

Solve the following percent problems and show your workings.

1. A rubber duck is on sale for 30% off. If the original price was \$2.50, what is the new sales price?



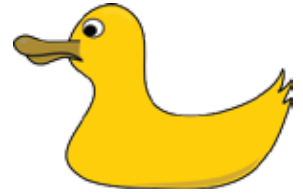
2. A very funny cartoon book is on sale with a 20% discount. If the sales price is \$2, what was the original price?
3. After a lot of talking you finally got a \$10 discount on a plastic chair. If the original price of the chair was \$100, what percentage discount did you get?
4. If you buy 3 stickers you get a 75% discount on the third sticker. If 1 sticker costs \$0.40, how much will 3 stickers cost you?
5. I got a \$18 dollar discount on a \$90 speaker set. What was the percentage discount I got?
6. I got a 10% discount on a fan and a 15% discount on a cool box. If the original price of the fan was \$150 and that of the cool box \$30, how much did I pay for both items?

Answers

Solve the following percent problems and show your workings.

1. A rubber duck is on sale for 30% off. If the original price was \$2.50, what is the new sales price?

$$2.50 - (0.3 \times 2.50) = \$1.75$$



2. A very funny cartoon book is on sale with a 20% discount. If the sales price is \$2, what was the original price?

$$op - (0.20 \times op) = 2 \quad 0.80 \text{ op} = 2 \quad \text{Original Price} = \$2.50$$

3. After a lot of talking you finally got a \$10 discount on a plastic chair. If the original price of the chair was \$100, what percentage discount did you get?

$$(100 \div 100) \times 100 = 10\%$$

4. If you buy 3 stickers you get a 75% discount on the third sticker. If 1 sticker costs \$0.40, how much will 3 stickers cost you?

$$2 \times 0.4 + (0.75 \times 0.4) = \$0.90$$

5. I got a \$18 dollar discount on a \$90 speaker set. What was the percentage discount I got?

$$(18 \div 90) \times 100 = 20\%$$

6. I got a 10% discount on a fan and a 15% discount on a cool box. If the original price of the fan was \$150 and that of the cool box \$30, how much did I pay for both items?

$$(150 - (150 \times 0.10)) + (30 - (30 \times 0.15)) = \$160.50$$