

Markups

1. I went down to St. Catherine Street the other day and bought a really fancy t-shirt. It cost me \$200, but I found out later that the store marks up all their merchandise by 25%. What did the store pay for this fancy t-shirt?
2. I went to the convenience store and bought a bag of organic milk. It cost me \$7.50, but I know that the store only paid \$6. What is the store's markup rate for organic milk?
3. I bought a flat-screen TV from Best Buy for \$1404. I have a buddy who works there, and he told me that Best Buy marks up all their TVs by 17%. What is Best Buy's cost for the TV that I bought?
4. The convenience store pays \$1.80 for my favourite bag of chips and then marks it up 15%. What is the selling price for this bag of chips?
5. The store where I bought my new shoes marks up their products by 20%. If I paid \$48 for these shoes, how much did the store pay for them?
6. I only drink the finest orange juice. A litre of it costs me \$174, but I know that the juice company pays only \$150. What is the markup rate on this very fine litre of juice?
7. My local pet food store marks up its products by 25%. If I paid \$65 for a bag of dog food, what is the store's cost?

Discounts

8. A textbook is on sale for \$63 after a discount of 16%. Find the original price of the textbook.
9. A pair of shoes is on sale for 35% off. If they usually cost \$300, what is the sale price?
10. The Super Awesome Smart Toaster is on sale at \$85 after a 32% discount. What was the original price of the toaster?
11. The Not Very Awesome Dumb Toaster is on sale at \$133. If the original price is \$175, what is the discount rate on this toaster?
12. I bought a Twilight novel on sale for \$9.75. It was for a friend. Apparently this was 25% off the original price. What was the original price?
13. A hat shaped like a wild turkey is on sale for \$126. It's a very nice looking turkey hat. If the original price is \$152, what is the discount on this item?
14. When I see an Xbox on sale for 12%, I buy it, even if I already own an Xbox. Last time I did this it cost me \$176. What was the original price?
15. I bought a smartphone on sale for \$99. The original price was \$150. What was the discount rate for this smartphone?
16. An exercise bike is on sale for \$390 after a discount of 25%. Find the regular price of the bike.

Answers:

1. \$160
2. 25%
3. \$1200
4. \$2.07
5. \$40
6. 16%
7. \$52
8. \$75
9. \$195
10. \$125
11. 24%
12. \$13
13. \$26
14. \$200
15. 34%
16. \$520