

Percent Word Problems

1. A jacket is originally \$80. It's on sale for 25% off. What is the sale price?
2. A \$50 item has an 8% sales tax. What is the total price?
3. You buy two shirts. The first costs \$30, and the second is 50% off. What is the total cost?
4. A store marks down a \$120 item by 30%. What is the new price?
5. You use a 20% coupon on a \$45 item. What do you pay after the discount?
6. You earn 5% annual interest on a \$1,000 savings account. How much interest will you earn in one year?
7. A loan has a 6.5% annual interest rate on \$5,000. How much interest will you pay in one year?
8. You tip a server 18% on a \$60 bill. What is the tip amount?
9. A car's value decreases by 15% per year. If the original value is \$20,000, what will the value be after one year?
10. Your credit card charges 22% interest annually. If your balance is \$1,200, how much will you owe in interest after one year?
11. 70% of 200 students passed the test. How many students passed?
12. A company's profit increased by 12%. If last year's profit was \$150,000, what is this year's profit?
13. 40% of a company's \$250,000 budget is for marketing. How much is allocated to marketing?
14. You got 92% on a 25-question quiz. How many questions did you answer correctly?
15. In a survey, 25% of 160 people prefer tea over coffee. How many people prefer tea?
16. A medicine is 98% effective. Out of 500 patients, how many will it help?
17. Air is 21% oxygen. In 1,000 liters of air, how many liters are oxygen?
18. A person has 15% body fat and weighs 160 lbs. How many pounds of fat is that?
19. A solution is 5% salt. How many grams of salt are in 200 grams of solution?
20. A serving provides 30% of the daily vitamin C requirement. If the daily requirement is 90 mg, how much vitamin C is in one serving?
21. Your electricity bill increased by 10%. If it was \$120 last month, what is it now?
22. You saved 20% on your \$85 water bill. How much did you save?
23. You spend 12% of your \$3,000 income on groceries. How much do you spend?
24. Rent is 35% of your \$2,400 monthly income. What is your rent?

25. An internet provider offers 50% off the regular \$100 monthly rate for the first 3 months. What do you pay per month for those months?
26. You answered 18 out of 20 questions correctly. What percent did you score?
27. Your attendance rate is 96%. If there are 180 school days, how many days did you attend?
28. Your test score improved by 15%. If your original score was 68, what is your new score?
29. You read 75% of a 400-page book. How many pages have you read?
30. Homework is worth 40% of the final grade. If you score 90% on homework, how much does it contribute to your final grade?