

Percent Word Problems

Directions: Set up a basic percent problem. Sometimes you will have to do extra steps to solve the problem. Follow rounding directions. Answers and solutions start on page 6.

- 1) A student earned a grade of 80% on a math test that had 20 problems. How many problems on this test did the student answer correctly? (round to the nearest whole number)

- 2) There are 36 carpenters in a crew. On a certain day, 29 were present. What percent showed up for work? (round to the nearest tenth)

- 3) A metal bar weighs 8.15 ounces. 93% of the bar is silver. How many ounces of silver are in the bar? (round to the nearest thousandth)

- 4) A woman put \$580 into a savings account for one year. The rate of interest on the account was $6\frac{1}{2}\%$. How much was the interest for the year in dollars and cents? (Round to the nearest cent)

- 5) A student answered 86 problems on a test correctly and received a grade 98%. How many problems were on the test, if all the problems were worth the same number of points? (Round to the nearest whole number)
- 6) Manuel found a wrecked Trans-Am that he could fix. He bought the car for 65% of the original price of \$7200. What did he pay for the car? (Round to nearest dollar)
- 7) Pamela bought an electric drill at 85% of the regular price. She paid \$32.89 for the drill. What was the regular price? (Round to the nearest cent)
- 8) A crew is made up of 8 men; the rest are women. $66\frac{2}{3}\%$ of the crew are men. How many people are in the crew?
- 9) Ben earns \$12,800 a year. About 15% is taken out for taxes. How much is taken out for taxes?

- 10) At a sale, shirts were sold for \$15 each. This price was 80% of their original price. What was the original price?
- 11) There are 32 students in a class. Nine of those students are women. What percent are men? (round to the nearest tenth)
- 12) The Royals softball team played 75 games and won 55 of them. What percent of the games did they lose? (round to the nearest tenth)