

Unit 42 Practice Problems

Instructions: Solve the following problems using the procedures described on page 112.

1) Pat's history average of 80 increased by 15%. What is her new average?

2) Mike would like to increase last year's ticket sales by 20%. He sold 45 tickets last year. How many tickets must he sell this year?

3) Maria's basketball average is 15 points per game. Her team averages 60 points per game. What percent of her team's points does Maria score? The coach thinks 80 points will be needed to win the next game. How many points must Maria score to maintain her share of the team's points?

4) Betty earned \$400 per week before a 9% raise. What was her take-home pay after her raise if 30% is taken out of her pay for taxes and insurance?

Unit 42 answers are on page 240.

Unit 42 additional practice problems are on page 196.