Equivalent Ratio Word Problem Worksheet

1. Peter is trying to work out by completing sit-ups and push-ups in order to gain muscle mass. Originally, Peter was completing five sit-ups for every three push-ups, but then he injured his shoulder. After the injury, Peter completed the same number of repetitions as he did before his injury, but he completed seven sit-ups for every one push-up. During a training session after his injury, Peter completed eight push-ups. How many push-ups was Peter completing before his injury?

2. Tom and Rob are brothers who like to make bets about the outcomes of different contests between them. Before the last bet, the ratio of the amount of Tom's money to the amount of Rob's money was 4:7. Rob lost the latest competition, and now the ratio of the amount of Tom's money to the amount of Rob's money is 8:3. If Rob had $280 before the last competition, how much does Rob have now that he lost the bet?

Equivalent Ratio Word Problem Worksheet

1. Peter is trying to work out by completing sit-ups and push-ups in order to gain muscle mass. Originally, Peter was completing five sit-ups for every three push-ups, but then he injured his shoulder. After the injury, Peter completed the same number of repetitions as he did before his injury, but he completed seven sit-ups for every one push-up. During a training session after his injury, Peter completed eight push-ups. How many push-ups was Peter completing before his injury?

Peter was completing 24 push-ups before his injury.

2. Tom and Rob are brothers who like to make bets about the outcomes of different contests between them. Before the last bet, the ratio of the amount of Tom's money to the amount of Rob's money was 4:7. Rob lost the latest competition, and now the ratio of the amount of Tom's money to the amount of Rob's money is 8:3. If Rob had $280 before the last competition, how much does Rob have now that he lost the bet?

Rob has $120.