



Primary Five Mathematics

Name: _____

Date: _____

Topic: Ratio Word Problems

1. In a library, the ratio of the number of magazines to the number of books is 3 : 7.
After buying 126 magazines, the ratio of the number of magazines to the number of books becomes 3 : 4. How many books are there in the end?
2. Nicole and Diana had the same number of game cards. After Diana sold 132 of her game cards, Nicole had $6\frac{1}{2}$ times as many game cards as Diana. How many game cards did they have altogether at first?

3. The ratio of the number of children in Block A to the number of children in Block B is 5 : 7. When 30 children left Block B and another 30 children entered Block A, the ratio of the children in Block A to the number of children in Block B becomes 5 : 1. How many children are there in Block B at first?

4. The number of ten-cents coins in a box was $\frac{1}{2}$ the number of fifty-cents coins. Xavier took out 5 fifty-cent coins and exchanged them for ten-cents. Then he put the money back into the box. The number of fifty-cent coins became $\frac{5}{8}$ the number of ten-cents coins. How much money was there in the box?

~ The End ~