**Problems Using Fractions**

1. At a rock concert in a park, one third of the audience had to stand. If there were 2 340 people at the concert, how many had seats? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. A small company that makes brooms made a profit of $75 000 last year. If $\frac{3}{10}$ of this amount was deduced for taxes, how much remained for the owner? \_\_\_\_\_\_\_\_\_\_\_
3. If $\frac{5}{8}$ of my stamps are Australian and I have a collection of 3 200, how many are foreign? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. A container holds $7\frac{1}{2}$ litres of cleaning fluid. If $2\frac{1}{10}$ litres were used, how many litres were left? (Give your answer as a fraction in its lowest terms.) \_\_\_\_\_\_\_\_\_\_\_\_
5. A 5 kg cake cooked in a hotel has $1\frac{1}{4}$ kg of raisins in it. What fraction of the cake is made up of other ingredients? \_\_\_\_\_\_\_\_\_\_\_\_\_
6. In an earthquake, $\frac{1}{4}$ of the villagers were killed and $\frac{1}{3}$ were injured. What fraction of the villagers was unharmed? \_\_\_\_\_\_\_\_\_\_\_
7. $\frac{3}{10}$ of the animals on a farm were breeding cows, $\frac{2}{5}$ were steers and the remainder were sheep. If there were 450 animals on the farm, how many of these were sheep? \_\_\_\_\_\_\_\_\_
8. A postman walked $7\frac{1}{5}$ kilometres in a day. At that rate, how many days did he take to walk 72 kilometres? \_\_\_\_\_\_\_\_\_\_\_\_
9. A drum of used oil was $\frac{1}{3}$ full. 15 litres of used oil were added which made the drum half full. How many litres is the capacity of the drum? \_\_\_\_\_\_\_\_\_\_
10. A ladder is $\frac{5}{7}$ the height of a room and $1\frac{3}{4}$ as high as a woman who is 160 cm tall. How much higher in centimeters was the ceiling than the woman? \_\_\_\_\_\_\_\_\_\_\_