**EXERCISE 1**

1 Find:
   a the sum of 5, 7 and 8  
   b the difference between 19 and 56  
   c the sum of the first 10 natural numbers  
   d by how much 639 exceeds 483

2 Solve the following problems:
   a What number must be increased by 374 to get 832?  
   b What number must be decreased by 674 to get 3705?

3 Solve the following problems:
   a In a golf tournament Aaron won the first prize of $163,700 and Sean came second with $97,330. What was the difference between the two prizes? What would they each have won if they had tied?  
   b My bank account balance was $76,671 and I withdrew amounts of $13,792, $26,083 and $9,371. What is my bank balance now?  
   c Agneta stands on some scales with a 15 kg dumbbell in each hand. If the scales read 92 kg, what does she weigh?

4 Find:
   a the product of 17 and 32  
   b the quotient of 437 and 19  
   c the product of the first 5 natural numbers

5 Solve the following problems:
   a What must I multiply $25 by to get $1375?  
   b What answer would I get if I start with 69 and add on 8, 31 times?  
   c I planted 400 rows of cabbages and each row contained 250 plants. How many cabbages were planted altogether?  
   d Juan swims 4500 m in a training session. If the pool is 50 m long, how many laps does he swim?

6 Solve the following problems:
   a A contractor bought 34 loads of soil each weighing 12 tonnes at $13 per tonne. What was the total cost?  
   b All rooms of a motel cost $78 per day to rent. The motel has 6 floors and 37 rooms per floor. What is the total rental received per day if the motel is fully occupied?  
   c How many 38-passenger buses are needed to transport 646 students to the athletics stadium?