NATURAL NUMBERS - EXERCISES AND PROBLEMS

1) A truck is carrying a car and a van. The car weighs 3582 kilos and the van weighs 892 kilos more than the car. How much weight is the truck carrying?

2) A cinema sells 458 tickets for the afternoon show and 137 less for the evening film. How many tickets are sold in total?

3) Juana has 142384€ in the bank and she wins 52325€ in the lottery. How much money does she need to buy a house that costs 264000€?

4) A salesman gets an order for 35 television sets that cost 208€ each. How much money does he earn in total?

5) A dumping lorry carries 8500 kilos of sand each time it makes a trip. How many kilos does it carry in a total of 15 trips?

6) A factory produces 213 bikes every day. If it sells each of them for 158€, how much money does it make over a month?
Note: in Math all months always have 30 days

7) 117 sugar cubes are split among 9 bowls. How many cubes does each bowl hold?

8) If you have a load of 247 kilos of potatoes, how many 7 kilos sacks could you fill with them? How many kilos are left over?

9) Four partners split 7328€ of profits from their business. How much money does each of them get?

10) On a farm, 547 eggs are collected every day and placed into cartons of one dozen. How many cartons are filled? How many eggs are left?

11) A truck is carrying 12 identical pallets that have a combined weight of 2496 kilos. How much does each pallet weigh?

12) A company pays 8640€ to rent an office for six months. Supposing that each month has a total of 30 days, how much money does the company pay each day?

13) Laurent is organizing the food for a party. He needs enough sausages and bread rolls to make 31 hot dogs. He buys 4 packs of 8 sausages and 5 packs of 6 bread rolls. Has he bought enough packs to make all the hot dogs? Is there any ingredient missing? What else does he need?

14) Alan cycles to work every day, a six miles trip from home. How many miles does he travel in a year? Justify your answer.

15) Bill buys a second-hand television set for 156€. He pays 25€ for some repairs and sells it for 191€. What's the profit?

16) Find two numbers:
      a) with a product of 20 and a difference of 1
      b) with a sum of 7 and a product of 12
      c) with a sum of 8 and a quotient of 3
      d) that add to 15 and whose product is 42

17) Round to the nearest ten the following quantities:
      a) The distance from Glasgow to London is 418 miles
      b) An amusement park had 9462 visitors last year

18) Write these numbers using digits:
      a) Five thousand, two hundred and forty six
      b) Forty-seven thousand, three hundred and ninety-six
      c) Three million, one hundred and sixty-four thousand, eight hundred and five
      d) Two hundred and five thousand, nine hundred and eighty-one
      e) Forty-seven million, nine hundred thousand, two hundred and fifteen
      f) Twenty-six thousand and six
      g) Eighty thousand, seven hundred and sixty one

19) Write the following numbers using words
      a) 1089
      b) 5467
      c) 10150
      d) 37205032
      e) 300208
      f) 2704153
      g) 314159
      h) 247