

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 Maths 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 €7328.5 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