

Properties of Numbers

| | |
|-----|--|
| 1. | Round three thousand six hundred and seventy two to the nearest hundred. |
| 2. | What is three point five to the nearest whole number? |
| 3. | Write a square number between forty and fifty . |
| 4. | Which of these numbers is not a multiple of six? Thirty six, forty two or fifty six? |
| 5. | What is the product of seven and nine ? |
| 6. | Find the next number; thirty five, seventy, one hundred and five,... |
| 7. | Which of these numbers is a multiple of seven: sixty four, forty two or fifty six? |
| 8. | What is double one hundred and fifty ? |
| 9. | Write a square number between eighty and ninety . |
| 10. | What is half of seven hundred ? |
| 11. | What number if doubled gives ninety eight ? |
| 12. | I think of a number and halve it. The answer is two hundred and sixty . What number did I start with? |
| 13. | What is half of three thousand four hundred ? |
| 14. | What is double one point seven ? |
| 15. | What number is one hundred less than ten thousand ? |

| | |
|-----|--|
| 16. | <p>Sandra thought of a number.</p> <p>She doubled it and then added four.</p> <p>The answer is sixty eight.</p> <p>Which number did she think of?</p> |
| 17. | Find the product of nine and nine . |
| 18. | Which of these numbers is not a multiple of nine: twenty nine, forty five or seventy two ? |
| 19. | Write the numbers three hundred and fifty four thousand, two hundred and ten in figures (354,210). |

Calculations

| | |
|----|--|
| 1. | What is two hundred fifty four divided by ten? |
| 2. | How many lots of eight are there in seventy two ? |
| 3. | Multiply twenty six by a hundred . |
| 4. | Calculate fifty times three . |
| 5. | Find the total of thirty two, eighteen and fifteen . |
| 6. | Find the difference between two hundred and eighty , and two hundred and thirty five . |
| 7. | How much more than ninety nine is one hundred and sixty ? |
| 8. | Subtract sixty two from one hundred and forty . |
| 9. | <p>There are forty two people seated in a cinema theatre.</p> <p>Thirty eight are waiting to get in.</p> <p>How many people will be in the theatre in total?</p> |

| | |
|-----|--|
| 10. | How many sixes are there in ninety six ? |
| 11. | Add together zero point two , zero point four and zero point six . |
| 12. | Subtract one point nine from two point seven . |
| 13. | A school has exactly twice as many boys as girls. There are one hundred and forty two boys. How many are girls? |
| 14. | What is one thousand less one hundred and ten ? |
| 15. | What is fifteen multiplied by two hundred ? |
| 16. | What is four thousand divided by twenty ? |
| 17. | Share one hundred and seventy five stickers between seven children. |
| 18. | Multiply three point seven by one hundred. |

Weight

| | |
|----|--|
| 1. | Write in kilograms four thousand five hundred grams. |
| 2. | How many grams are there in six point seven kilograms? |
| 3. | A bag of fruit weighs two point five kilograms. Write the weight in grams. |
| 4. | What is six thousand three hundred grams to the nearest kilogram? |
| 5. | An apple weighs one hundred and twenty grams. What is the weight of four apples? |
| | |

| | |
|-----|---|
| 6. | <p>A dog weighs seven point five kilograms.</p> <p>Another dog weighs two point six kilograms less.</p> <p>What is the weight of the second dog?</p> |
| 7. | <p>One pencil weighs fifteen grams.</p> <p>What is the weight of eight pencils?</p> |
| 8. | <p>A melon weighs three fourths of a kilogram.</p> <p>How much is its weight in grams?</p> |
| 9. | <p>An ice cream cone weighs one hundred and thirty grams.</p> <p>What is the weight of nine ice cream cones?</p> |
| 10. | <p>Tim needs to use one kilogram of pasta to serve four persons.</p> <p>How many grams of pasta do they each have?</p> |
| 11. | <p>An empty luggage case weighs three point five kilograms.</p> <p>Sarah is allowed to carry a total fifteen kilograms on the plane.</p> <p>How much weight can she fit in her luggage case?</p> |
| 12. | <p>Laptop A weighs one point two five kilograms.</p> <p>Laptop B weighs three hundred grams less.</p> <p>What is the weight of laptop B?</p> |
| 13. | <p>A parcel weighs two thousand three hundred and forty grams.</p> <p>An item weighing seven hundred grams is removed from the parcel.</p> <p>What is the new weight of the parcel?</p> |
| 14. | <p>A book weighs two hundred grams.</p> <p>How much do twenty books weigh altogether?</p> |
| 15. | <p>How many grams are there in eight and one fourth of a kilogram?</p> |
| 16. | <p>A bag holds seven point five kilograms.</p> <p>Write its weight in grams.</p> |

| | |
|-----|--|
| 17. | Three chairs weigh eighteen kilograms and seven hundred fifty grams . What is the weight of one chair? |
| 18. | A tuna can weighs eighty five grams . What is the weight of eleven tuna cans? |

Capacity

| | |
|-----|--|
| 1. | What unit would you use to measure the capacity of water in a swimming pool? |
| 2. | How many millilitres are there in two point four litres ? |
| 3. | What is six thousand three hundred and fifty millilitres to the nearest litres? |
| 4. | A bottle of juice holds three fourths of a litre . How many millilitres of juice does it hold? |
| 5. | A one litre milk carton is one quarter full . How much milk is left in the carton? |
| 6. | A container holds nine hundred millilitres of water. If half of the water is poured away, how much is left in the container? |
| 7. | How many millilitres are there in three and three fourths of a litre ? |
| 8. | A large bottle of shampoo holds four fifths of a litre . How many millilitres of shampoo does it hold? |
| 9. | A small bottle of water holds zero point five of a litre . How many small bottles of water can be poured into a two litre bottle? |
| 10. | Sandra drinks one and a half litres of water in a day. How many litres of water does she drink in a week? |

| | |
|-----|--|
| 11. | A kettle holds one point five litres of water. How many cups of tea can be poured from the kettle if each cup holds one hundred millilitres? |
| 12. | A liquid soap container holds eight hundred millilitres. During an offer the container holds twenty percent more. What is the new capacity of the container? |
| 13. | Maria pours juice from a bottle holding three fourths of a litre into a smaller bottle holding half a litre . How much is left in the larger bottle? |
| 14. | How many two hundred millilitre cups can be filled from a one litre bottle? |
| 15. | A bucket holds four point five litres of water when full. How many millilitres does it hold when it is one quarter full? |
| 16. | A tube of toothpaste holds one hundred and twenty millilitres. What is the capacity of four tubes of toothpaste? |
| 17. | A pasta pan holds three litres of water. While cooking, Tom fills three fourths of it with water. How many millilitres of water does he use? |
| 18. | Round five thousand seven hundred and ten millilitres to the nearest litre. |

Length

| | |
|----|--|
| 1. | How many centimetres in fifteen metres? |
| 2. | A square has sides of forty centimetres. What is its area? |
| 3. | How many metres in zero point five kilometres? |

| | |
|-----|---|
| 4. | How many kilometres in three thousand two hundred metres? |
| 5. | A room has all sides equal. Find the length of each side if the total area is forty-nine metres squared. |
| 6. | A square has a perimeter of fifty two centimetres. What is the length of one of its sides? |
| 7. | A regular hexagon has a perimeter of seventy eight centimetres. Find the length of one of its sides. |
| 8. | How many metres are there in four and a half kilometres? |
| 9. | A garden measures nine by eight metres. What total length of fencing is needed to surround the garden? |
| 10. | A regular octagon has sides nine centimetres long. Find its perimeter. |
| 11. | A triangle has a total perimeter of eighty four centimetres. Two of its sides are twenty five centimetres long. What is the length of the third side? |
| 12. | A rope of two hundred and ten centimetres is cut into three pieces. How long is each piece? |
| 13. | A surface of a desk measures fifty centimetres by hundred centimetres. What is its surface area? |
| 14. | The length of a car is four hundred and seventy-two centimetres. What is its length in metres? |
| 15. | A shelf is one metre long. How many books of width two centimetres can fit on the shelf? |
| 16. | How many metres in two point four kilometres? |

| | |
|-----|---|
| 17. | The distance between Marsaskala and Mdina is seventeen kilometres three hundred metres. Write down the distance in metres. |
| 18. | What fraction of one kilometre is two hundred fifty metres? |

Time

| | |
|-----|---|
| 1. | How many hours in three days? |
| 2. | How many minutes in six hours? |
| 3. | A film lasts one hundred and thirty minutes. How many hours does it take? |
| 4. | How many hours in two hundred and fifty-five minutes? |
| 5. | A TV programme starts at eight forty pm. If it is ninety minutes long, at what time does it finish? |
| 6. | How many seconds in ten minutes? |
| 7. | A television programme starts at nine thirty-five and ends at ten o'clock. How long did the programme last? |
| 8. | How many days are there in eight weeks? |
| 9. | A bus leaves Marsaxlokk at ten forty and arrives in Ċirkewwa at eleven forty six. How long did the journey take? |
| 10. | How many hours are there in three days? |
| 11. | How many minutes are there in six hours? |
| 12. | How many days are there in six weeks? |

| | |
|-----|--|
| 13. | How many minutes are there in one and a quarter hours? |
| 14. | How many minutes are there in four and a half hours? |
| 15. | How many hours are there in five days? |
| 16. | How many minutes are there in two and three-quarters of an hour? |
| 17. | How would quarter past nine in the evening be shown on a twenty four hour digital clock? |
| 18. | How many hours and minutes in one hundred and fifty minutes? |

Shapes

| | |
|-----|---|
| 1. | How many faces does a cube have? |
| 2. | Name a triangle with three equal sides. |
| 3. | Name a shape with five sides. |
| 4. | Name a shape with six sides. |
| 5. | How many faces does a cylinder have? |
| 6. | How many sides does an octagon have? |
| 7. | How many faces does a sphere have? |
| 8. | How many vertices does a cuboid have? |
| 9. | How many lines of symmetry does a square have? |
| 10. | How many lines of symmetry does an equilateral triangle have? |
| 11. | What is the name of a triangle which has only two of its sides equal? |
| 12. | How many lines of symmetry does a regular hexagon have? |

| | |
|-----|---|
| 13. | How many lines of symmetry does a regular octagon have? |
| 14. | How many sides does a quadrilateral shape have? |
| 15. | An equilateral triangle has a perimeter of one hundred and five centimetres. What is the length of one of its sides? |
| 16. | What is the area of a square having sides of eight centimetres? |
| 17. | How many vertices does a cube have? |
| 18. | What is the shape of a drink can called: Cylinder, sphere or cone ? |

Fractions, Decimals and Percentages

| | |
|----|---|
| 1. | A fifth of a number is eight . What is the number? |
| 2. | Calculate one seventh of twenty-one . |
| 3. | When half full , a container holds six hundred millilitres of water. How much does it hold when full ? |
| 4. | Which is larger: three fourths or three fifths ? |
| 5. | What is one quarter of two hundred ? |
| 6. | What must be added to zero point seventy five to make one ? |
| 7. | Forty five percent of pupils in a school are girls. What percentage are boys? |
| 8. | A dress costs fifty Euro . During a sale it is discounted by twenty per cent. What is the new price of the dress? |

| | |
|-----|--|
| 9. | Which is the largest between: thirty percent, one fourth, and zero point four? |
| 10. | What is zero point five as a fraction? |
| 11. | What is four and three fourths as a decimal fraction? |
| 12. | Write nine twelfths in its simplest form? |
| 13. | What is ten percent of two thousand? |
| 14. | Which is the smallest between; three tenths, ten percent and zero point two? |
| 15. | What is seven tenths as a percentage? |
| 16. | What is twenty five percent of one thousand? |
| 17. | What is eight tenths as a percentage? |
| 18. | Write four fifths as a decimal fraction. |

Money

| | |
|----|--|
| 1. | What is twenty five per cent of eighty Euro? |
| 2. | Steve bought a car for seven thousand five hundred Euro. He was given a ten percent discount on the full price. How much did he pay for the car? |
| 3. | How many 8 cent sweets could you buy for 90 cent? |
| 4. | Five jackets cost two hundred Euro. How much does one jacket cost? |
| 5. | What is one quarter of hundred Euro? |

| | |
|-----|---|
| 6. | In a money box there are eight fifty cent pieces. Write down the total amount in the box. |
| 7. | Copybooks cost thirty five cent each. How much would three copybooks cost? |
| 8. | What is twenty percent of twenty eight euro? |
| 9. | Sam bought a pen for one euro seventy five cent. How much change did he receive from a five euro note? |
| 10. | In a summer sale clothes are discounted by thirty percent. What is the new price of a shirt which costs thirty five Euro? |
| 11. | Tanya paid for a book with a twenty Euro note and received two Euro sixty four cent change. How much was the book? |
| 12. | A packet of crisps costs seventy cent. How much do nine packets cost? |
| 13. | Maria has been saving two Euro coins. Her money box has fourteen two Euro pieces. Write down the total amount of Euro she has in her box. |
| 14. | What is ten percent of two hundred fifty Euro? |
| 15. | What is one third of ninety Euro? |
| 16. | Calculate five percent of two thousand five hundred Euro. |
| 17. | What is three fourths of one hundred and twenty Euro? |
| 18. | Calculate two thirds of six hundred euros. |