The Upper Barrakka Gardens

Situated near Castille Place, the Upper Barrakka Gardens date back to 1661 when they were essentially private gardens of the Italian Knights, whose auberges lie close by. They were built on St Peter and St Paul’s bastion by the Knight Grand Prior Flaminio Baldiani. It is the highest point of the city walls, and thus its bordering terrace offers a magnificent view over the Grand Harbour and the old towns of Senglea and Vittoriosa, as well as over the shipyard and the lower-lying parts of the capital city. In 1824, the Upper Barrakka Gardens were opened to the public.
Station 1: At the Upper Barrakka Gate

Look up at the plaque on the wall, showing the name of the garden.

1. **Count** the number of letters on the sign (*count ie as 2 letters*).

   \[ \text{letters} \]

2. How many \( N \) letters can you find?

   \[ \text{N letters} \]

3. Write this as a **fraction**.

   \[
   \frac{\phantom{00}}{\phantom{00}}
   \]

Look carefully at the tiles lining the width of the gate.

4. Estimate the **length** of one tile in the first row.

   \[
   \phantom{00000}\text{cm}
   \]

5. Now, calculate the **width** of the Upper Barrakka gate.

   \[
   \phantom{00000}\text{cm}
   \]

6. Circle the nearest **height** of the gate.

   a) 1m   b) 3m   c) 10m
Imagine you are standing in the middle of the pond.

7. Face the monument.

Turn **clockwise** 1 right angle.

You will face *(underline the correct answer)*:

- coffee shop
- monument
- building
- flags
8. Face the building.
Turn **anticlockwise** 3 right angles.
You will face:
- coffee shop
- monument
- building
- flags

9. Face the coffee shop.
Turn **clockwise** 4 right angles.
You will face:
- coffee shop
- monument
- building
- flags

10. Think and write 2 different ways how you can end facing the flags.
Station 3: Embellishment Monument

The reading on this monument shows that the garden was embellished in 2004, by means of new paving, lights and garden furniture as well as restoration of masonry work.

11. What is the shape of this monument? (*Underline the correct answer.*)
   - cuboid
   - cube
   - sphere
   - cylinder
   - pyramid

12. Fill in the properties of this 3D shape:
   It has ______ faces, ______ edges and ______ vertices.

13. Write the date on this monument as follows,
   
   *11\textsuperscript{th} December 2010 = 11-12-2010*

26\textsuperscript{th} April 2004 = _________________

14. 2004 was a leap year.

   a) How many days were there in 2004?
   
   b) Write the leap year following 2004.
   
   c) Is the current year a leap year? Yes [ ] No [ ]
15. This is the **calendar** of that month.

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**a)** Fill in the **missing** numbers.

**b)** The monument was commemorated on the **26th of April**.

i. **Shade** the date onto the calendar.

ii. The **day** is a ______________________

**c)** Try to find a child whose **birthday** is in April.

i. **Circle** the birthday date on the above calendar.

ii. Find out the **day** when s/he was born.

____________________________
In this pathway you can see a lot of benches.

16. **Estimate** how many children can sit on **each** bench.

   _______ children

17. Use your estimate to calculate how many benches are needed for **all** the children in your class to sit on.

   __________ benches

18. Look towards the tall monument. **Count** the benches to your **right**.

   __________ benches

19. How many children can sit on these benches?

   __________ children
20. How many benches can you see on both sides of the pathway?
   _______ benches

21. How many children can sit on all benches?
   ____________ children

Look for this wall plaque.

Ruzar Briffa was a Maltese poet who wrote many poems in Maltese.

22. He died in the year ________.

23. For how many years has Ruzar Briffa been dead?
   ____________ years
Now look at this pattern on the ground.

24. What **shape** is this pattern? *(Mark with an x)*

- [ ] Rectangle
- [ ] Diamond
- [ ] Pentagon

25. Count the number of **squares** inside this pattern.

_________ squares

26. How many **diamonds** are there in this path?

_________ diamonds

27. Calculate the number of squares in **all** diamonds.

_________ squares
28. In the space below draw something which has \textbf{at least} one line of symmetry. \textbf{Draw} the line/s of symmetry.
From here you can see this very beautiful view of the three Cities: Birgu, Isla and Bormla.

Look below and you can see these cannon balls.

29. How many spheres are there in the bottom row?
   _______spheres

30. How many spheres are there in the:
    3\textsuperscript{rd} row _______spheres
    2\textsuperscript{nd} row _______spheres
    1\textsuperscript{st} row _______spheres

31. How many spheres are there altogether?
   _______spheres
32. Calculate the **total distance** from the 1st cannon to the last one.

**Note that:** the distance between each cannon is 2m and each cannon is 50 cm wide
Every day at **noon**, members of the Malta Heritage Society dressed in British Artillery uniforms fire a salute.

33. Draw the **clock hands** to show this time.

This salute lasts about **10 minutes**.

34. Draw the clock hands to show at what time it **finishes**.
You can view this beautiful panorama from the telescopes. The price for a look is 50c.

35. How much will it cost if the whole class takes a look?

€

Look for the **Talking Telescope**.
You want to watch and listen to the **Commentary and Extended View**.

36. How much does it cost? €

37. These are the money in your purse.

**Circle** the correct amount.
38. Choose 3 items from the menu.

Fill in the table with these 3 items.

Write down their cost.

Find the total cost.

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Total Cost

Did you spend all your money?  Yes  No

If no, how much money have you left?  €
39. This coffee shop is surrounded with tables.

How many chairs are there around 1 table?  \( \square \) chairs

How many chairs are there around 2 tables?  \( \square \) chairs

What **pattern** can you see?

If there are 9 tables, how many chairs are there?

\( \square \) chairs