

NextBike Investigation

<https://www.nextbike.com.mt/en/malta/prices/>

PAY AS YOU GO		MEMBERSHIP OPTIONS			
first 30 min.	€1.50	ANNUAL MEMBERSHIP	QUARTERLY MEMBERSHIP	MONTHLY MEMBERSHIP	WEEKLY MEMBERSHIP
every additional 30 min.	€1	Single price – €80	Single price – €35	Single price – €25	Single price – €15
24 hours	€18	FREE (UNLIMITED)			
		every additional 30 min.			
		€1			
		24 hours			
		€15			

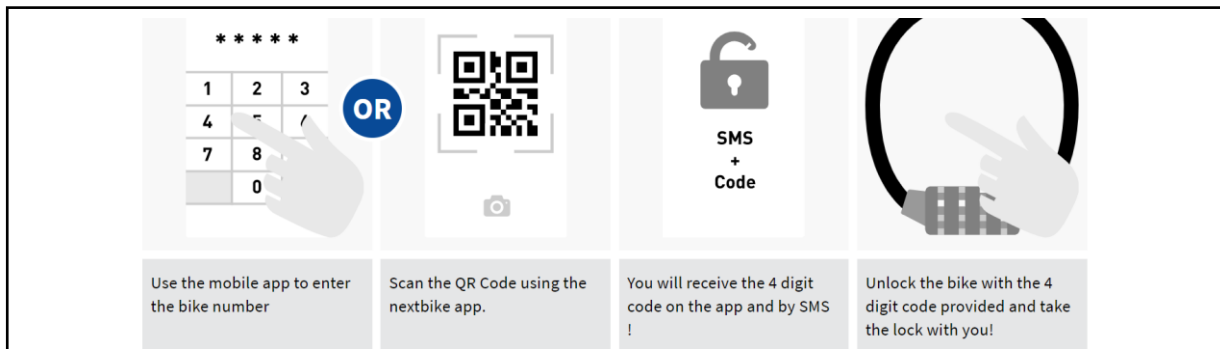
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Task 1 – The Advertisement

- How many different options are there to use this service?
- The first membership option is ‘Annual’.
What does this mean?
- The second membership option is ‘Quarterly’.
What does this mean?



Task 2 – I received a 4-digit code (9 4 3 6)

Use these digits to make:

- The largest possible odd number.
- A 2-digit square number.
- A 2-digit number that is a multiple of 3.
- A 3-digit number that can be divided exactly by 8.

Task 3 – Calculate the cost of these memberships

- 2 persons purchasing an annual membership.
- 3 persons purchasing a quarterly membership.
- A family of 4 purchasing a weekly membership.

On the MEMBERSHIP tariff plan.

How long did you use the bike for if you spend:

- €1.00?
- €2.00?
- €5.00?

Task 4 – Calculate the cost on the PAY AS YOU GO tariff plan.

- a) the first half an hour
- b) an hour
- c) 3 hours
- d) $5\frac{1}{2}$ hours
- e) 2 full days

Task 5 – Challenge

- a) Find the difference in cost between 3 hours of cycling on PAY AS YOU GO tariff plan and 3 hours of cycling on any of the MEMBERSHIP tariff plan.
- b) How much money is the client saving if s/he purchases a weekly plan?

**Task 6 – Use <https://www.google.com/maps/> to find
(give answer in km/m)**

How far is the first Next Bike location from where you are now?

