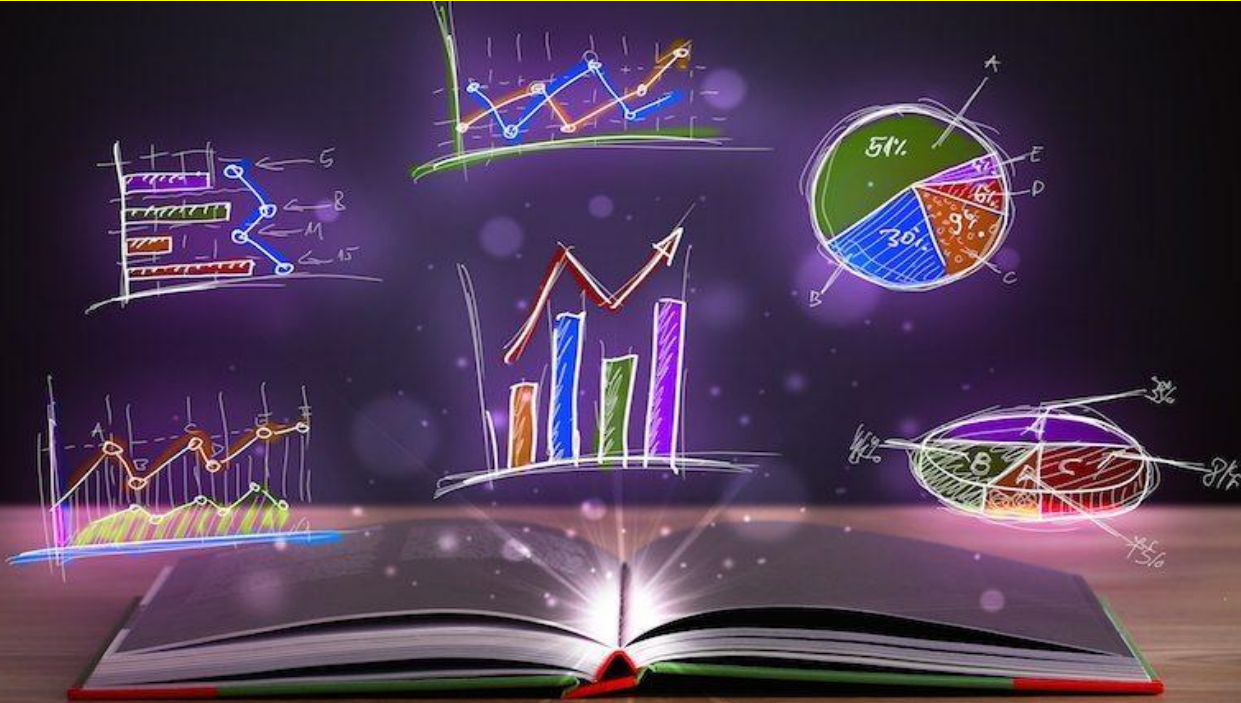


MATHLETE

(अक्सर पूछा करते हैं.....)

Classes - 9th to 10th

Series
7



MATHEMATICAL LITERACY GROUP - CHANDIGARH

PARKING RULES IN INDIA

Most people in India are unaware of the parking rules. Here's a list of parking rules in India that you must follow according to the New Motor Vehicle Act, 2019.

Do not abandon or park your vehicle/trailer at a public place where it may cause obstruction, inconvenience, or puts other people in danger.

Ensure that you are parking your vehicle according to the road signs or markings (if any) that indicates the manner of parking.



YOU CANNOT PARK YOUR VEHICLE -

1. In the no parking zone or places in which parking is prohibited on footpaths or far away from the footpaths.
2. On private properties without the owner's consent on the main road or roads with high-speed traffic on the wrong side of the road on the path that has unbroken white lines in the centre.
3. In front of the entrance of any premises near bus stops, schools, or hospital entrances.
4. In front of any road signs that could possibly be obstructed with your vehicle near road crossings, a bend, top of a hill, or near/and on the bridge.
5. Near any traffic signal or pedestrian crossings.

PARKING FEES

Prateek parks his car in a parking building close to office. The car parking opens at 6 AM and closes at 10 PM (Monday to Friday). The parking charges are Rs.10/- for the first hour and Rs. 5/- for the each additional hour. Full day parking cost is Rs. 60/-. Every Thursday prateek stay 3 hours extra for a meeting after work.




1. Prateek starts his work at 9 AM and finishes at 5 PM. It takes him 20 minutes to get to his office from car parking lot. What will be the car parking cost for Tuesday?
(a) 55/- (b) 50/- (c) 60/- (d) 45/-
2. On every Thursday, he stays three hours extra for a meeting after work. What type of ticket he should choose to save money?
(a) Full day parking ticket.
(b) Hourly basis ticket


3. The parking contractors introduced a monthly pass. The cost of monthly pass is Rs. 800/-. Should Prateek buy a monthly pass or hourly basis ticket for parking to save money? Explain it with the calculation for the month having 20 working days.
4. Parking contractor gives an offer to his customers: -
Park whole day continuously for 10 working days in a month for Rs. 450/-.
How much money Prateek will save using this offer for any 10 continuous days?
5. Prateek gives car to his sister Priya for 2 weeks and goes to office by bus. One way bus fare cost Rs. 10/-. How much money he will be able to saved? Give an advantage to save environment if he travels in bus instead of car.

PUZZLE

A Parking lot Contains 160 Vehicles.



- Each vehicle is either a Truck or a Car
- Each vehicle is either Red or Green
- 70 vehicles are Red
- 120 vehicles are Cars
- There are 18 Green Trucks



How many Red cars are there?



ANSWER KEY

1. (b)
2. Full day parking
3. Monthly pass
4. Rs. 70/-
5. Rs. 320/-
6. No. of Red car = 48