TIME, SPEED & DISTANCE

1. A policeman saw a thief from a distance of 200m and started running towards him. If speed ofpoliceman and thief are 12 km/h & 10 km/hrespectively. Find the distance thief had run beforecaught
2. A policeman saw a thief from a distance of 300m and started running towards him. If speed ofpoliceman and thief are 30 km/h & 33 km/hrespectively. Find the distance thief had run beforecaught.
3. A thief saw a policeman from distance of 200 m and started running. Thief could run 1 km in 12 minutes & policeman could run 1 km in 10 minutes.Find the distance thief had run before being caught.
4. A thief saw a policeman from distance of 700 m and started running. Thief could run 4.7 km in 41 minutes & policeman can run the same distance in 34 minutes. Find the distance thief had run before being caught.
5. A constable follows a thief who is 200 m ahead of the constable. If the constable and the thief run atspeeds of 8 km/hour and 7 km/hour respectively, the constable would catch the thief in how much time?
6. Shyam and Radha started walking towards each other from A & B at the speed of 21 km/h & 15 km/h respectively in order to meet each other. Shyam had walked 500 m more than Radha had walked. Find the distance between A and B.
7. Two trains start from station A and B and travel towards each other at speeds of 16 miles /hour and 21 miles / hour respectively. At the time of their meeting, the second train has travelled 60 miles more than the first. Find the distance between A and B (in miles).
8. A man can reach a certain place in 30 hours. If he reduces his speed by 1/15th, he goes 10 km less in that time. Find his speed per hour.
9. Two person P & Q start walking from A towards B. Distance between A & B is 60 km. Speed of P is 4 km/h less than that of Q. After reaching at B person Q returns immediately to A then person Q meets person P at the distance of 12 km from B. What is speed of P and Q?
10. Two person P & Q start walking from A towards B. Distance between A and B is 100 km. Speed of P is 26 km/h and speed of Q is 54 km/h. After reaching at B person Q returns immediately to A and on the way person Q meets person P at the distance of x km from B. Find the value of x?
11. P and Q are 27 km away. Two trains with speed of 24 km/hr and 18 km/ hr respectively start simultaneously from P and Q and travel in the same direction. They meet at a point R beyond Q. Find distance QR.
12. A child while going to school reduces his speed to 4/5th of his actual speed and reaches 15 minutes late. Find his actual speed.
13. A child while going to school increases his speed to 7/6th of his actual speed. He reaches his school 5 minutes early. Find his actual speed.
14. A child while going to school reduces his speed to 7/11 of his initial speed and reaches in 22 hours. If he had walked at his initial speed then how muchtime had he saved.
15. A car travelling with $\frac{5}{7}$ of its usual speed covers 42 km in 1 hour 40 min 48 sec. What is the usual speed of the car?

16. In covering a distance of 30 km, Abhay takes 2 hours more than Sameer. If Abhay doubled his speed, then he would havetake 1 hour less than Sameer. Find the speed of Abhay and Sameer speed (in km/hr).
17. Ram went on a 10 mile drive. He started with acertain speed and after covering each mile, his speedis decreased by 20% for the next mile. If he took 5minutes to cover the first 5 mile of the drive, whatis the approximate time taken by him to cover the next 5 miles?
18. Speed of father and his son is 12 km/h and 18 km/h. They start from A towards B. If son leaves after 1 hour and reaches 1 hour earlier than his father. Find the distance between A and B.
19. Speed of father and his son is 12 km/h and 15 km/h. They start from A towards B. If son leaves 39 minutes later than his father and reaches 21 minutes than his father. Find the distance between A and B.
20. When a child goes to school at the speed of 5 km/h reaches 6 minutes late and when he goes at the speed of 6 km/ he reaches 6 minutes early. Find the distance between his home and school.
21. Ram arrives at a Bank 15 minutes earlier than scheduled time if he drives his car at 42 km/h. If he drives car at 35 km/h he arrives 5 minutes late. The distance of the Bank, from his starting point is:
22. A man starts to travel in order to reach his in laws at the speed of 60 km/h and reaches 1 hours late. If he travels at 80 km/h then the reaches 2 hour early. What is the distance between his home and his in laws. Also find out the actual time taken to travel the distance.
23. If a man runs at 10 km/h, then he arrives at a certain place at 1 p.m. But if he increases his speed by 5 km/h then he reaches there at 11 a.m. At what speed must he run to get there at 12 pm.
24. If a child goes to his school at the speed of 40 km/h. He reaches 2 hours early and if the travels at the speed of 30 km/h then the reaches 1 hour early. Find out his actual speed and distance actual time taken in order to reach at time.
25. A car travels from P to Q at a constant speed. If its speed were increased by 7 km/h, it would have takenone hour less to cover the distance. It would have taken 1 hour more if the speed were decreased by 5km/h. What is the distance between two cities and find the speed of car?
26. A car travels from P to Q at a constant speed. If its speed were increased by 10 km/h, it would have taken one hour less to cover the distance. It would have taken further 45 min lesser if the speed were further increased by 10 km/h. What is the distance between two cities?
27. A train travels 75 km in a certain time. If train travels 20% faster than a car but both reach at the sametime because there was a $12\frac{1}{2}$ minute halt for the train. Find the speed of car and train.
28. A train runs 30% faster than a car both start at the same time from A and reach at B at the same time because there was a halt of 9 minutes for train. Find out the speed of car if the distance between A and B is 78 km.
29. Speed of a bus is 45 km/h. If it stops for a few minutes in an hour then its average speed becomes 42 km/h. Find out the time duration it stops for in an hour.
30. Speed of a bus is 54 km/h. If it stops for a few minutes in an hour then its average speed becomes 45 km/h. How many minute did the bus stop in an hour.
31. Speed of a car in 42 km/h. It is stops for a few minutes in an hour. Then its average speed becomes 28 km/h. Find out the times duration it step for in an hour.

32. A bus travels 1300 km with an average speed of 65 km/h. If it stops at 8 junctions it takes exactly 1 day to travel the whole distance. Find out the time duration it stops for at each stop.
33. After travelling a distance of 50 km train meets with an accident and its speed becomes 3/4th of its actual speed and reaches 35 minutes late. If this accident had occurred after travelling 24 km more train would have reached the station 25 minutes late. Find out the distance and speed of train.
34. After travelling 200 km a train met with an accident and its speed became 4/5th of its actual speed and reached 45 minutes late. If this accident had happened after 40 more kms the train would have reached the station 30 minutes late. Find out the distance and speed of train.
35. After travelling 333 kms a train meets with an accident and its speed becomes 119/787 of its actual speed and therefore reaches 4 hours late. If this accident had occurred after travelling 111 km more then the train would have been 3 hours late. Find the distance.
36. Distance between A and B is 230 km. After travelling a certain distance a motobike breaks down and then it travels at the 3/4th of the actual speed and reaches 1 hour late. If the bike had broken down after travelling a distance of 30 km more he would have reached 12 minutes earlier. Find out the distance at which the bike broke down and speed of bike.
37. A train starts from a station and after traveling 100 km meets with an accident. And then the speed of the train reduces by 1/4th of its former speed. And travelling the remaining distance it reaches to its destination $1\frac{7}{8}$ ours late. If the accident occurred 60 km ahead then it reaches 15 min earlier. Thenfind its original speed and the distance of its journey?
38. After travelling 5 hours a train meets with an accident. Due to this it has to stop 2 hours. After this the train starts moving $55\frac{5}{9}$ % of its speed, and reaches to its destination $12\frac{2}{9}$ hours late. If theaccident had occurred 150 km ahead on the sameline then the train would have reached the destination $10\frac{8}{9}$ hours late. Find the original speed of the train?
39. After travelling 25 km the speed of the car increases by 1/4th of its original speed, due to this the car reaches 30 minutes earlier on its destination. If the speed of the car increased 10 km before, then it reaches to its destination $32\frac{2}{5}$ minutes earlier. Then find the distance travelled by car :

40. After travelling 3 hours a train meets with an accident due to this it stops for an hour. After this the train moves at 75% speed of its original speed and reaches to destination 4 hours late. If the accident would have occured 150 km ahead in the same line then the train would have reached 3.5 hours late. Then find the distance of journey andthe original speed of the train?
41. The Sabarmati Express left Ahmedabad for Mumbai. Having travelled 300 km, which constitutes 200/3 percent of the distance between Ahmedabad and Mumbai, the train was stopped by a red signal. Half an hour later, the track was cleared and the engine driver, having increased the speed by 15 km per hour, arrived at Mumbai on time. Find the initial speed of the Sabarmati Express.
42. At 7 : 00 am. I started travelling at the speed of 36 kmph. After I had travelled some distance, my car went out of order and I had to stop. After resting for 35 minutes, I returned home on foot at a speed of 14 kmph and reached home at 1 pm. Find the distance from my house at which my car broke down.
43. Shyam starts to walk from A towards B at 10am and Radha starts to walk from B towards A at 10am and after meeting at C they both reach their destinations in 24 & 54 minutes respectively. Find out the time they met at C.
44. Radha walks with the speed of 45 km/h from A to meet Shyam and Shyam walks towards her from B. After meeting each other at C they reach at each other's home in 4 hours and 9 hours respectively. Find the distance between A & B and Speed of Shyam.
45. A person covers a distance of 300 km partly by train and partly by car. If he travels 60 km by train and rest by car it takes him 4 hours to cover that distance and if he covers 100 km by train and rest by car it takes him 4 hours 10 minutes to cover that distance. Find out the speed of train and car.
46. A person cover a distance of 450 km partly by trainand partly by car. If he travels 100 km by train restby car it takes 8 hours and if he covers 170 by trainand rest by car it takes him 8 hours 12 minute tocover that distance. Find the speed of train.
47. A person cover a distance of 760 km partly by train and partly by car. If he travels 160 km by train rest by car it takes 8 hours and if he covers 240 by train and rest by car it takes him 8 hours 12 minute to cover that distance. Find the speed of train and car.
48. A car travels 140 km partly at a speed of 6 km/h and the remaining at a speed of 10 km/h. If the speeds, are reversed then it travels 8 km more inthe same time. Then find the time takes by car totravel 140 km and also find what was the averagespeed of the car?
49. Two bullets are fired from a place at an interval of 11 minutes. A person approaching that place hears it at the gap of 10 minutes. If speed of sound in 330 m/s then what is the speed of person.
50. Two bullets are fired from a place at an interval of 5 minutes. A person approaching that place hears it at the gap of 4 minutes, 30 seconds. If speed of sound in 330 m/s then what is the speed of person (in km/h).
51. A metro leaves after every 15 minutes. A person is running towards metro then he catches the metro after 12 minutes. If speed of metro is 16 km/h. Find speed of man.
52. Metro leaves after every 10 minutes. A person starts running towards metro then he catches metro after 8 minutes. If speed of metro is 24 km/h then what is the speed of the person.

53. Two bombs blast at an interval of 10 minutes. A person running away from that place hears the two blasts at an interval of 12 minutes. If speed of sound is 330 m/s find the speed of the person and the distance he covered by running away from the blast.
54. A person covers a distance of 80 km in 8 hours. some part of this journey is completed at the speed of 8 km/h and the rest at 16 km/h. Find distance covered at both speeds respectively.
55. A person covers a distance of 61 km in 9 hours. Some part of this journey is covered on foot at the speed of 4 km/h and the rest by cycle at the speed of 9 km/h. Find the distance of both cases.
56. A person has to cover a distance of 48 km. If he increases his speed by 4 km/h he reaches 1 hour early. Find his initial speed.
57. A bus travels 700 km at a certain speed. If the bus driver reduces the speed of bus by 20 km/h then the bus will take four hours more to travel the same distance. Then find the initial speed of the bus ?
58. A person has to cover 360 km distance. If he increases his speed by 10 km/h he reaches 3 hours early. Find his initial speed.
59. An aeroplane is stopped for half an hour and now it has to cover a distance of 1500 km in given time so its speed is increased by 250 km/h find its initial speed.
60. A train has been stopped for 6 minutes. Next stations is 36 kms away and to reach on scheduled time itsspeed is increased by 4 km/h. Find its initial speed.
61. Ram starts from Delhi towards Goa. After sometime he realises that he will cover only 75% of the distance in the scheduled time and he therefore doubles his speed immediately and thus manages to reach Goa exactly on time. Find the time after which Ram changed his speed, given that he could have been late by 3 hours if he had not changed his speed:
62. A officer goes to office from his home, which is 8 km apart. His speed is 4 km/h. After 5 min he realized that he left some important documents at home. He returns to home and now he travels some fast speed towards the office, and reaches office on time. Find his increase speed?
63. A child leaves for school at 4 km/h. School is 8 km away from his home. After 5 minutes he remembered that he had forgotten his book at home. He returned back home with increased speed and reached school on time. Find his increased speed.
64. Speed of a man is 90 km/h after every 24 minutes he reduces his speed by 5 km/h. If the has to travel 160 kms. Find out the time taken to cover this distance.
65. Speed of a faster train is 100 km/hr and it takes 3 minutes rest after covering each 75 km distance while the slower train is running at the speed of 50 km/hr and it takes 1 minute rest after covering each 25 km distance. Find the distance travelled by the slower train when the faster train travel 600 km distance?
66. A bus meets an auto at 10:00 am while going on the same way towards Haridwar. The Bus reach at Haridwar at 12:30 p.m. and take 1 hour rest there. Bus return the same way and meet the same auto half hour later. At what time the Auto will reach at Haridwar?
67. The metro service has a train going from A to B and B to A every hour, the first one at 6 a.m. The trip from one city to other takes 4.5 hours, and all trains travel at the same speed. How many trains will you pass while going from A to B if you start at 12 noon?

68. A father picks his child at 3:30 pm from school. One day the child left at 2:30 pm and started to walk at the speed of 6 km/h and meets his father on the way and they each home 24 minutes early. Find the speed of father.
69. Radha and Shyam start travelling from Delhi to Goa at the speed of 15 km/h and 12 km/h respectively. After half an hour Meera also leaves from Delhi to Goa. After same time Meera crosses Shyam and 90 minutes further on Meera crosses Radha. Find the speed of Meera.
70. Distance between A & B is 550 km. Both start walking towards each other with the speed of 60 km/h and 50 km/h respectively. Find the time taken by them to meet each other.
71. A boy from Delhi and a girl from Meerut started walking towards each other. They both started with the speed of 5 km/h. After every 1 hour the boy increased his speed by 1 km/h and the girl decreased her speed by 1 km/h. Distance between Delhi & Meerut is 110 km. Find the time taken by them to meet each other
72. P and Q start from A and B respectively with uniform velocities. P is headed towards B and Q towards A and both cities are 600 km apart. P rests whenever Q is on the move and Q rest whenever P is on the move. The speed of P and Q is 25 km/h and 30 km/ h respectively. If P starts first and reaches B in 36 hours, then find the least time that Q would take to each his destination after P makes a start.
73. A train from A leaves at 7 am at the speed of 70 km/ h to each B and similarly. A train from B leaves at the speed of 60 km/h at 8 am. If distance between A and B is 720 km. Find the time taken by them to meet each other.
74. A train from A leaves at 7 am at the speed of 25 km/ h to reach B and a train from B leaves for A at 12 pm at the speed of 35 km/h. Find the time at which they will meet.
75. Train P left Delhi to Noida. Two hours later train Q left Delhi to Noida. Both trains reached Noida simultaneously. If Train P had started from Delhi and Train Q had started from Noida at the same time and travelled towards each other they would meet in 1 h 20 minutes. Find the time taken by Train P to travel from Delhi to Noida (in hours).
76. A naughty bird is sitting on top of a car. It sees another car approaching it at a distance of 12 km. The speed of the two cars is 60 km/hr each. The bird starts flying from the first car and moves towards the second car, reaches the second car and comes back to the first car and so on. If the speed at which the bird flies is 120 km/hr. The total distance travelled by the bird. (Assume that the two cars have a crash)

77. Distance between A & B is 120 km. If they both move towards each other (opposite direction) they meet in 2 hours but if they move in same direction they meet in 6 hours. Find their speed.
78. Distance between A and B is 60 kms. When they move in opposite direction they meet in 6 hours. If A moves at 2/3rd of its actual speed and B at 2 times of its speed then they meet in 5 hours what are their respective speed.
79. Distance between A and B is 650 km. When they move towards each other they meet in 10 hours. If A starts moving after 4 hours 20 minutes than B then they meet in 8 hours. Find out their speeds.
80. Distance between A and B is 600 km. When they start moving towards each other they meet in 12 hours. If A moved 5 hours after B then they meet in 10 hours. Find their speeds.
81. Distance Distance between two stations is 450km. A train from a starts moving towards B at the speed of 15km/ h another train from B starts moving towards A 20 minutes before the first train with the speed of 20km/ h. Find at what distance from A will they meet each other.
82. The distance between two stations A and B is 900 km. A train T starts from A and moves towards B at an average speed of 30 km/h. Another train U starts from B, 20 minutes earlier than the train P, and moves towards A at an average speed of 40 km/hr. How far from A will the two trains meet?
83. Two trains start from the same point simultaneously and in the same direction. The first train travels at 40 km/h, and the speed of the second train is 25 percent more than the speed of the first train. Thirty minutes later, a third train starts from the same point and in the same direction. It overtakes the second train 90 minutes later than it overtook the first train. What is the speed of the third train?
84. A person starts to walk from A at 7 am and reaches at B at 10 am and a person from B starts to walk at 7 am and reaches at A and 1 pm. Find the time at which they will meet.
85. A person from A starts to walk at 7 am and reaches B at 10 am similarly A person from B starts to walk at 8 am and reaches A at 11 am. Find the time at which the meet each other.
86. A person from A starts to walk at 7 am and reaches B at 1 pm and another person starts to walk from B at 8 am and reaches A at 11 am. Find the time at which they meet each other.
87. A person starts to walk at 7 am from A and reaches B at 11 am and another person starts to walk from B at 8 am and reaches A at 11:30 am. Find the time at which they will meet each other.
88. A person starts walking from A towards B at 6 am and reaches at 10 am. Another person from B starts walking towards A at 8 am and reaches at 11:30 am. Find the time at which they will meet each other.
89. Two trains start simultaneously from two tunnels towards each other. The first train covers 8% of the distance between the two tunnels in 3 hours, the second train covered 7/120 of the distance in 2 hours 30 minutes. Find the speed (feet/h) of the second train. If the first train travelled 800 feet to the meeting point:
90. A man takes 6 hours 15 minutes in walking a distance and riding back to the starting place. He could walk both ways in 7 hours 45 minutes. Find the time taken by his to ride both ways.
91. Distance between A and B is 450 km. A car and a bus travel from A to B speed of car is 20 km/h more than that of bus. After travelling 2/3rd distance car stops for 2 hours and after that remaining distance is covered at 2/3rd of initial speed and reaches at B. Bus after travelling 1/3rd of distance stops for 1 hour

and after that increases its speed by 25% and reaches at B at the same time as the car. Find the speed of bus and car and also find the time taken it took the car and the bus to reach at B.

92. A dog is chasing a rabbit. Initially distance between them is 125 leaps of dog. Time taken by rabbit to take 4 leaps is equal to time taken by dog to take 3 leaps. Rabbit covers 1.75 m in 1 leap and dog covers 2.75 m in 1 leap. Then in how many leaps will the dog catch the Rabbit.
93. A dog is chasing a rabbit. Initially distance between them is 400 leaps of dog. The time taken by dog to take 4 leaps is equal to 6 leaps taken by rabbit in that time. Rabbit covers 1.5 m in 1 leap and dog covers 2.5 m in 1 leap. In how many leaps will the dog catch the rabbit?
94. A hare, pursued by a grey-hound, is 50 of her own leaps ahead of him. While the hare takes 4 leaps the grey-hound takes 3 leaps. In one leap the hare goes7/4 metres and the grey-hound 11/4 metres. In howmany leaps will the grey-hound overtake the hare?
95. A hare pursued by a grey-hound, is 20 of her own leaps ahead of him. While the hare takes 4 leaps the grey-hound takes 3 leaps. 2 leaps of grey-hound is equal to 3 leaps of hare. In how many leaps will the grey-hound overtake the hare?
96. Two points A and B are 300 km apart. A person P starts from A at the speed of 30 km/h at 1 pm and another person Q starts from B at 1 pm. Q doubles his speed per hour and reaches at A in 37/8 hour. After what time they will meet?
97. On return from a business trip. Anand was to be picked up from Airport by his coachman. However his meeting finished before schedule so he left for his destination earlier by catching an earlier flight as a result of which he reached 2 hours early. Immediately on arrival he called up home to convey the coach that he had reached and was told that he had just left in order to each on time by which Anand was scheduled to come. To save time he started walking home at 4 mile/hour on the way he meet the coachman and reached 1 hour earlier. How faris Anand's home from Airport.
98. X and Y start from point A to point B. X starts moving 8 minutes after Y but reaches point B at the same time as Y. If both of them start from opposite direction at the same time, then they meet after 3 minutes. In how much time can X cover the earlier distance.
99. A tourist covered a journey partly by foot and partly by bus. He walked for 90 km and rode the bus for 10 km. He spent 4 h less on the bus than on walking. If the tourist had reversed the time he travelled by foot and by bus the distances travelled on each part of the journey would be equal. How long did he ride the bus?
100. Two people started simultaneously towards each other from A and B, which are 60 km apart. They met 5 hours later. After their meeting, the first person, who travelled from A to B, decreased his speed by 1.5 km/h. The other person, who travelled from B to A, increased his speed by 1.5 km/h. The first person is known to arrive at B 2.5 hours earlier than the second person arrived at A. Find the initial speed of the first person.
101. A bus is moving with a uniform speed travelling a certain distance in a certain time. The speed of the bus is directly proportional to the distance travelled and inversely proportional to the square root of time. It travels is 60 km in 4 hours at a speed of 40 km/h. Then find how much distance will travel in 9 hours at a speed of 44 km/h?

102. A pedestrian and a cyclist left A for B at the same time. Having reached B, the cyclist turned back and met the pedestrian an hour after the start. After their meeting, the pedestrian continued his trip to B and the cyclist turned back and also headed for B. Having reached B the cyclist turned back again and met the pedestrian 30 mins after their first meeting. Determine what time it takes the pedestrian to cover the distance between A and B.
103. A train approaches a tunnel AB, Inside the tunnel a goat located at a point i.e., 5/12 of the distance AB measured form the entrance A. When the train whistles, the goat runs. If the goat moves to the entrance of the tunnel A. The train catches the goat exactly at the entrance. If the goat moves to the exit B, the train catches the goat exactly at the exit. Find the ratio of speed of train and goat.
104. A train approaches a tunnel AB, inside the tunnel adog located at a point i.e., 2/5 of the distance AB measured form the entrance A. When the trainwhistles, the dog runs. If the dog moves to theentrance of the tunnel A, the train catches the dogexactly at the entrance. If the dog moves to the exit B, the train catches the dog exactly at the exit. Findthe ratio of speed of train and dog.
105. Train X starts from point A for point B at the pointA and B are 300 km apart. The trains are moving ata constant speed atleast at 25km/h. The trains meeteach other 3 hours after they start. If the faster traintakes atleast 2 more hours to reach the destination. By which time will the slower train have definitelyreached its destination? (Ignoring te length of trainsin crossing?
106. Two friends A and B, on their last day in college, decided to meet after 20 years on a river. A had tosail 42 km to the meeting place and B had to sail250/7 % less. To arrive at the meeting place at thesame time as his friend B, A started at the same time as B and sailed with the speed exceeding by 5 km/hthe speed of B. Find the speed of A:
107. A man walks from A to B and back in a certain timeat the rate of 3.5 km per hour. But if he had walkedfrom A to B at the rate of 3 km per hour and backfrom B to A at the rate of 4 km a hour, he wouldhave taken 5 minutes longer. Find the distancebetween A and B:
108. A drives his car at 360 m/s. Moving ahead for somehours his breaks down. So he takes 20 seconds tofix it. Mean while he notices that another car whichwas 400 m back is now 200m ahead of his car. Whatis the speed of the car?

ANSWER KEY

1)	1km	11)	81 km	21)	70 km
2)	3 km	12)	5 km/h	22)	720 km, 11 hrs.
3)	1 km	13)	6 km/h	23)	12 km/h
4)	3400 m	14)	8 hrs.	24)	120 km, 5 hrs, 60km/h
5)	12 minutes	15)	35 km/h	25)	210 km, 35 km/h
6)	3 km	16)	5 km/h, 7.5 km/h	26)	420 km
7)	444 miles	17)	15 min. 15 sec.	27)	60km/h, 72km/h
8)	5 km/h	18)	72 km	28)	120 km/h
9)	8 km/h, 12 km/h	19)	60 km	29)	4 min.
10)	35 km/h	20)	6 km	30)	10 min.

31) 20 min.
32) 30 min.
33) 134 km, 48 km/h
34) 40 km/h, 320 km
35) 777 km
36) 80 km, 50 km/h
37) 80 km/h, 550 km
38) 890 km/h
39) 150 km
40) 40.100km/h, 1200km
41) 60 km/h
42) 54.6 km
43) 10:36 am
44) 30 km/h, 450 km
45) 60 km/h, 80 km/h
46) 50 km/h
47) 80 km/h, 100 km/h
48) 18 h, 70/9 km/h
49) 33 m/s
50) 132 km/h
51) 4 km/h
52) 6 km/h
53) 55 m/s, 39600 m
54) 48 km, 32 km
55) 16 km, 45 km
56) 12 km/h
57) 70 km/h
58) 30 km/h
59) 750 km/h
60) 36 km/h
61) 6 hrs.
62) $4\frac{4}{11}$ km/h
63) $4\frac{8}{23}$ km/h
64) 2 hrs.
65) 307.5 km
66) 3 pm
67) 9 trains
68) 24 km/h
69) 18 km/h
70) 5 hrs.
71) 10 hrs.
72) 44 hrs.
73) 1 pm.
74) 12:30 am
75) 4 hours
76) 12 km
77) 40 km/h, 20 km/h
78) 4 km/h, 6 km/h
79) 35 km/h, 30 km/h
80) 30 km/hr& 20 km/hr
81) 190 km/h
82) 380 km
83) 60 km/h
84) 9 am
85) 9 am
86) 9:40 am
87) 9 : 24 am
88) 8:56 am
89) 35 feet/h
90) 4 : 45 hrs.
91) 40 km/h, 60 km/h, 10 hr 45 min.
92) 525 leaps
93) 2400 leaps
94) 210 leaps
95) 120 leaps
96) 4 hrs
97) 24 miles
98) 4.8 min.
99) 2 hrs
100) 7.5 km/h
101) 99 km
102) 2 hrs.
103) 6:1
104) 5:1
105) 7.5 hrs.
106) 14 km/h
107) 7. 7 km
108) 30 meter/sec. or 108 km/h