

1. A book contains 312 pages. $\frac{1}{6}$ pages of the book have pictures. how many pages do not have pictures in the book?
2. A car travels at a speed of 80 km per hour. If it takes $3\frac{1}{2}$ hours to reach Delhi from Mathura, then what is the distance between Delhi and Mathura?
3. Are all the number divisible by 4 also divisible by 8? Explain with the example.
4. Write the smallest 4-digit number that is divisible by 2,3,4,5 and 6.
5. Find the greatest possible length of the wire which can be used to measure exactly two wires of length 18 m and 24 m respectively.
6. The cost of 1 metre of lace is Rs. $11\frac{1}{10}$. What is the cost of 30 metres of lace?
7. 50 students went to a circus. if the cost of 1 ticket is Rs. $15\frac{1}{2}$. Then find the total money needed to buy tickets for all of them.
8. $\frac{1}{2}$ litre of milk is to be divided equally among 5 children. how much milk will each child get?
9. The cost of $3\frac{1}{2}$ kg of rice is Rs. 140. Find the cost of 1 kg of rice.
10. Replace # in 273# by the smallest possible digit such that the number formed is divisible by 3.
11. Check whether 12925 is divisible by 5 or not using the divisibility test. Give reasons to support of your answer.
12. Check if 1848 is divisible by 4 and 11 using the divisibility test.
- 13. Replace # in the number 187# by the smallest possible digit so that the number formed is divisible by 3.**
14. With which digit you will replace # in the number 348# so that it is divisible by 5 but not 10?
15. If $\frac{1}{3}$ rd of paint is used to paint a window, then how many windows can be painted with 6 cans of paint?
16. If the cost of one glass is Rs $12\frac{1}{2}$, what will be the cost of 20 glasses of juice?
17. If a car runs $7\frac{1}{2}$ km with 1 litre of petrol, then how much distance can it cover with $11\frac{1}{4}$ litres of petrol?
18. If a dog eats $\frac{5}{8}$ th of a packet of dog food, how many dogs can be fed with 15 packets of dog food?
- 19. Find the greatest number that divides 149 and 101 leaving 5 as remainder?**
20. Chris , Sunil and Jose were practicing for a hurdle race. Chris crosses a hurdle after every 20 metres, Sunil after every 25 metres and Jose after every 30 minutes. What is the least distance after which all of them will face a common hurdle? Till that distance, how many hurdles will be faced by Chris , Sunil and Jose?
21. Three common multiples of 15 and 25 are :
22. Traffic lights at three different crossing on a road change after every 10 minutes, 15 minutes and 20 minutes , respectively. If they change together at 9 a.m first, when will they change together again ?
23. Swati wants to distribute sweets to some of her friends. She wants to give either 14,15 and 10 sweets to her friends and keep 8 for herself. What is the least number of sweets she must have in order to distribute?
24. There were twelve monkeys on a tree. Each monkey was given a banana. But each monkey ate only $\frac{3}{4}$ th of the banana given to it. How much banana were eaten in all ?
25. The distance between Alka's house and her school is 24km. She walk $\frac{1}{6}$ th of the distance and then goes by car with her friend. How much distance does she walk every day ?
26. Saeed ate $\frac{2}{3}$ rd of a cake weighing 330 g. how many grams of cake did Saeed eat?
- 27. Product of two numbers =Product of their HCF and LCM**
28. Write all the prime numbers between 10 and 40.
29. Write 16,36,42 and 28 as the sum of two prime numbers.
30. Find the HCF of 42, 182, using prime factorization and short division method.
31. Find the maximum size of each of the two bottles, if oil contained in two cans of sizes 84 litres and 144 litres have to be filled in them exactly without leaving any oil behind.
32. On a Mango tree, there were 12 mangoes. 5 mangoes fell on the ground. What fractions of mangoes are left on the tree?
33. Vikram watched TV for $\frac{3}{5}$ of an hour and Riya watched TV for $\frac{15}{25}$ of an hour. Who watched TV for a longer span of time?
34. Find the greatest number that will divide 108,144 and 216 without leaving any remainder.
35. Find the greatest length of a scale that can be measure exactly 35 m and 63 m of cloth.
36. There are three drums containing 42 litres, 70 litres and 98 litres of water. Find the capacity of the largest container that can used to measure water in the three drums by the exact number of times.

37. Shyam, Ananya and Vikky are reading books with 100 page each. Shyam has read $\frac{3}{10}$ th of the book, Ananya has read $\frac{7}{10}$ th of the book and Vikky has read $\frac{9}{10}$ th of the book in a day. Who has read the maximum number of pages?
38. Seema ate $\frac{1}{3}$ rd of a pizza while her brother ate $\frac{1}{4}$ th of the pizza. How much did they eat altogether?
39. Mr. Rao bought $2\frac{3}{4}$ kg of sugar and $3\frac{1}{2}$ kg of rice. Find the total weight of sugar and rice bought by him .
40. Jessica , Mehreen and Piyali decide to fill a bucket wit milk. Jessica filled $\frac{2}{5}$ th of the bucket , Mehreen filled $\frac{1}{3}$ rd of the bucket and Piyali filled $\frac{1}{10}$ th of the bucket . how much of the total bucket is filled with milk ?
41. Renuka had 10 metres of red ribbon . she used $4\frac{3}{8}$ metres of the ribbon. How much of the ribbon is left with her ?
42. Aria’s mother backed a cake for her birthday . Aria ate $\frac{1}{3}$ rd of the cake while her sister ate $\frac{1}{8}$ th of the cake. How much of the cake is left?
43. From a tin containing 10 litres of paint , $7\frac{1}{8}$ litres was used for painting . how much paint is left in the tin ?
44. Revathy travels $2\frac{3}{4}$ km by walking and $3\frac{1}{8}$ km by car. How much more distance does she cover by car than by walking ?
45. $\frac{1}{3}$ kg of flour and $\frac{2}{3}$ kg of sugar are needed to bake a cake. How much flour and sugar needed to make 48 such cakes?
46. Sehar goes for jogging every day. If she can jog a stretch of $10\frac{1}{5}$ in 1 minute , then how much distance will she cover in 25 minutes?
47. The cost of $5\frac{1}{4}$ litres petrol is Rs 315. Find the cost of 1 litre of petrol.
48. A man walks $8\frac{1}{2}$ km in $2\frac{1}{8}$ hours. How much distance will he cover in 1 hour?
49. 12 kg of sweets are packed into small packets each containing $\frac{2}{3}$ kg of sweets. How many such small packets can be made?
50. Somu needs $2\frac{1}{4}$ m of cloth to stitch one shirt for himself. How many shirts can be stich out of $13\frac{1}{2}$ metres of cloth?
51. Aisa needs $2\frac{1}{2}$ bundles of wool to knit a sweater, how many sweaters can she knit with 25 bundles of wool?
52. Pranav made 12 bowls of soup . if he wants to serve 18 people , then how much more soup will each person het ?
53. How much of fruit salad is to be made to serve 22 people , if each person has to be given $\frac{3}{8}$ kg of fruit salad?
54. Ajay , Amit and Arjun took part in a long jump event on the sports day . Ajay covered 3.8 m, Amit covered 3.81 m and Arjun covered 3.18 m. arrange them for the first , second and third prizes based on the distances covered by them.
55. The price of 1 kg of rice is Rs. 50.75. Find the price of 2.5 kg of rice.
56. Two friends, Meera and Jessica contributed Rs. 7.75 and Rs. 8.45, respectively to buy 36 cookies. Find the price of each cookie.
57. Rahul cycles 8.28 km in 4.5 hours. What is his speed per hour?
58. There are 24 bags of coffee in a shop. If each bag weighs 0.62 kg, what is the total weight of all the coffee bags?
59. If 112 litres of oil is to be filled equally in bottles whose capacity is 3.5litres then find how many such bottles will be needed?
60. Subtract the sum of 92.37 and 121.92 from the sum of 235.2 and 87.19.
61. Add the difference of 65.23 and 38.97 to 321.49.
62. If 1 litre of petrol costs Rs. 68.50, then how much should Jeniffer pay for 23 litres of petrol?
63. A car can cover a distance of 68.52 km in one hour. How much distance will it cover in 15.5 hours?
64. If 110.25 kg of rice is to be distributed equally among 100 children , then how much would each child get?
65. Aakash bought 64.75 litres of milk and made 18.5 kg of desert with it. Find how much milk is needed to make 1 kg of desert.
66. Raj covers 13.26 km by car and 1.5 km by walking to reach his office. Find the total distance to his office.
67. The height of Sonal, Kunal, Usha and Kavya are 90.28 cm, 91.82 cm , 90.82 cm and 92.18 cm, respectively . arrange them in increasing order of their heights.
68. From the sum of 127.78 and 38.57, subtract 57.932.
69. From 78.12, subtract the sum of 18.2 and 30.17.

70. A train covers 220.55 km in 5.5 hours. What is the speed of the train?
71. Mrs. Banerjee cuts 781.28 m of ribbon equally into 16 pieces. What is the length of each piece?
72. Mr. Patel can run 3.37 km in one hour. How many kilometres can he run in 12 hours?
73. Pinky can fill 7.82 litres of water in 1 minute. How much water can she fill in 15 minutes?