

1. John's age is 18 years more than James age. Also, John's age is 60% of the total age of John and James. What is John's age?

**Ans: 54 years**

2. Find the missing number in the series 34, 246,.....3130

**Ans: 1028**

3. Four ladies who have brought 1 child each for admission to school. In how many ways that no mother will be interviewed before the child?

**Ans: 2520**

4. If  $\log x = \log 4.8 - \log 1.6$  and  $\log y = \log 4.6 - \log 2.3$ . Find x

**Ans: 5**

5. Cost Price= 11 for 10 Rs Selling Price= 10 for 11 Rs. What is the Gain and Loss percentage?

**Ans: 21%**

6. Distance between 2 poles is 240 meters. One pole is 60 degree from the ground and the other pole is 30 degrees from the ground. What is the height of the poles?

**Ans: 103.9**

7. Raghu is 4 times + 3 in age as of today. Then 5 years down the line, Raghu will be 3 times hemant's age +1. What is Raghu's Age?

**Ans: 35 years**

8. Effective rate of Interest for 12% CI quarterly.

**Ans: none of the above**

9. Find the next term in the series 2, 5, 17, 65, 257, .....

**Ans: 1025 and 4097**

10. Mark price discount and faulty weight question. Find net profit percentage.

**Ans: 36.5**

11. Three rubber. 42ft, 49ft, 63 ft. Least number of possible permutations.

**Ans: 22**

**12.**

13.  $5T+8S=7350$  and  $3T+5S=4475$ . Find T.

**Ans: 950**

14. 5 companies. C1 to C5. What is the total profit.

**Ans: 270**

15. Boats and streams question.

**Ans: 32**

16. Venn Diagram. Find exactly one part's sum.

**Ans: 30**