



1. 1,2,4,5,10 and 20 are the factors of _____.
a) 25. b) 30. c) 20
2. $3 \times 3 \times 3 \times 3 \times 2$ is the prime factorization of _____.
a) 684. b) 486. c) 648
3. Anil ate $\frac{1}{4}$ of 8 bananas . How many bananas did he eat?
a) 2. b) 4. c) 8
4. Reciprocal of $\frac{3}{10}$ is _____.
a) $\frac{10}{3}$ b) $\frac{3}{10}$ c) 3
5. Fill in the blank. $\frac{\quad}{18} = \frac{5}{2}$
a) 10. b) 45 c) 50

6. Case study

Mrs. Seth filled 10 liters of petrol in her car on Monday. That day her car used $1\frac{6}{9}$ liters of petrol and on Tuesday it used $4\frac{1}{3}$ liters of petrol.

- a) How much petrol did the car used on these two days?
 - b) Out of the petrol used on Monday, how much petrol was left at the end of Tuesday?
 - c) If the cost of 1 liter petrol is ₹ 90 . Find the total cost of petrol which was used on Tuesday?
 - d) Find the simplest form of petrol used on Monday.
7. Find the LCM of 36, 48, 84
 8. Find the HCF of 36, 420, 900
 9. Check the divisibility of 36870 by 5 and 9.
 10. Find the prime factorization of 132 using the division method.
 - 11.a) Compare $2\frac{5}{8}$ and $2\frac{7}{9}$
b) Write next three equivalent fraction of $\frac{14}{15}$
 12. Neptune complete $1\frac{1}{2}$ turns about it axis everyday. How many turns does it take in one week?