Reader's Sign _____ Date _____

ORANGE

ASSIGNMENT–6

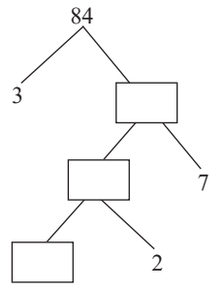
Marks Obtained: _____

Student's Name: _____ Section: _____

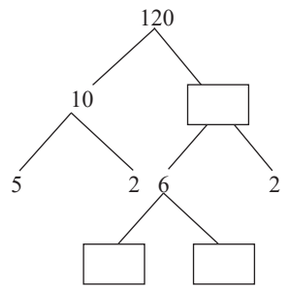
Roll Number: _____ Date: _____

A. Fill in the blanks.

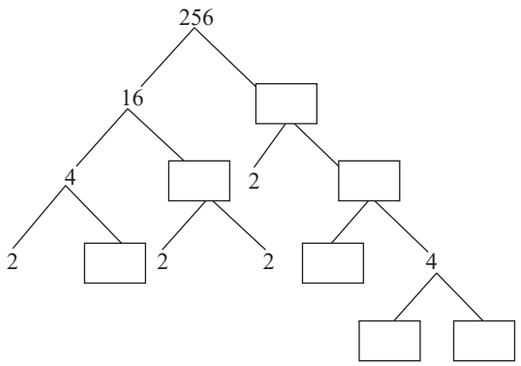
(*a*)



(*b*)



(*c*)



B. Label True or False.

1. 2357 is divisible by 9. .....
2. 16 and 25 is a pair of coprimes. .....
3. The HCF of 35 and 63 is 7. .....
4. The LCM of 5, 7 and 45 is 315. .....
5. $2 \times 3 \times 5 \times 6$ is the prime factorisation of 180. .....

C. Match the following.

Column I	Column II
1. Factors of 6	(*a*) 1, 3, 9
2. Factors of 9	(*b*) 5, 10, 15, 20, ...
3. Multiples of 5	(*c*) 3, 6, 9, 12, ...
4. Multiples of 3	(*d*) 2, 3, 5, 7, 11, ...
5. Prime numbers	(*e*) 1, 2, 3, 6

D. Utilise Your Brain.

Find the number pairs whose LCM is 360 and HCF is 45. How many number pairs can you write?