

Chapter 1

Real Numbers

Assessment based on Exercise 1.2 Question 3

Question 1:

Find the LCM and HCF of 24, 15 and 36 by applying the prime factorisation method.

Solution:

Question 2:

Find the LCM and HCF of 40, 36 and 126. by applying the prime factorisation method.

Solution:

Question 3:

Find the LCM and HCF of the following pairs of integers by applying the prime factorisation method: 84, 90 and 120.

Solution:

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Question 4:

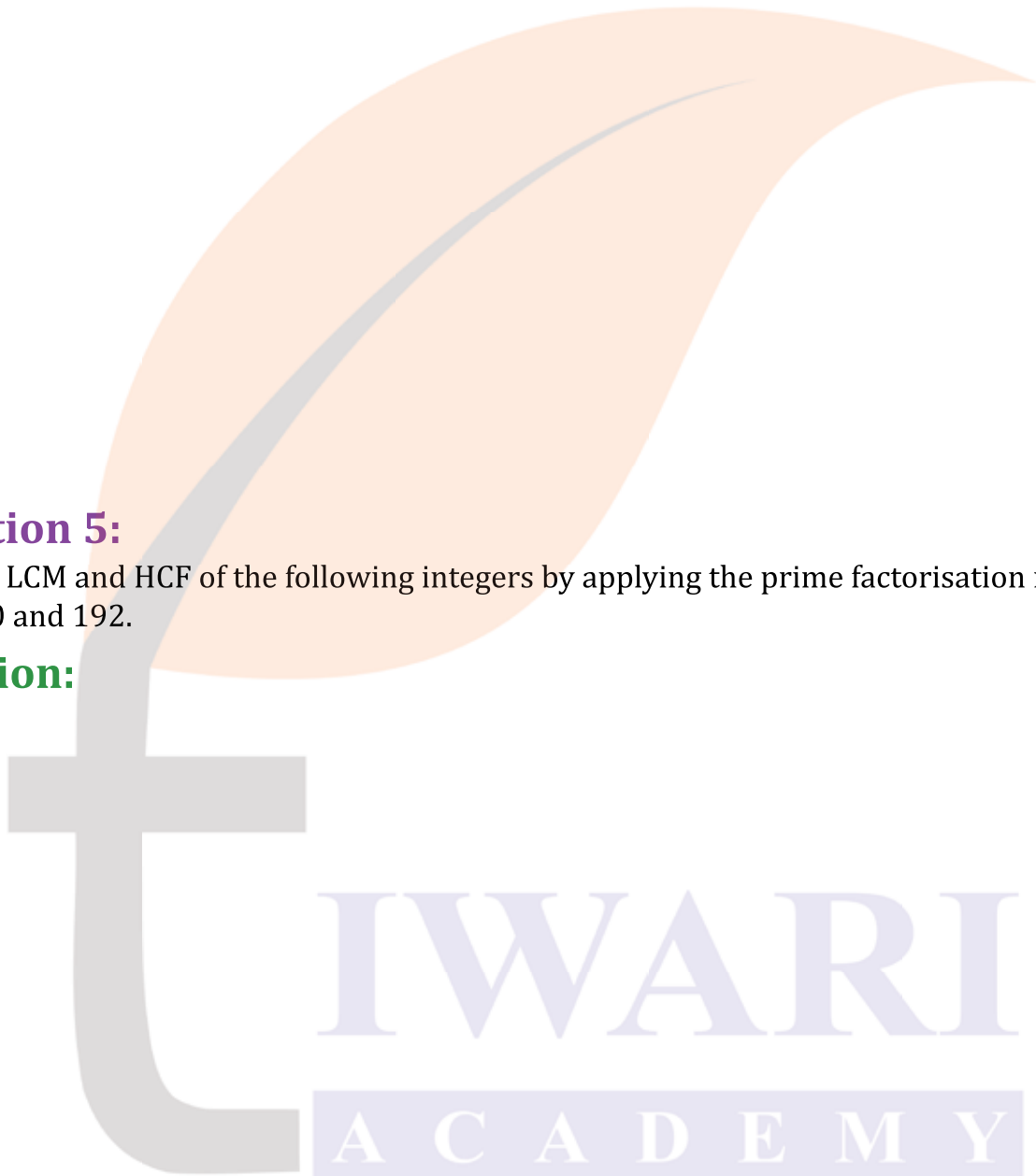
Find the LCM and HCF of 105 120 and 150 by applying the prime factorisation method.

Solution:

Question 5:

Find the LCM and HCF of the following integers by applying the prime factorisation method 144, 180 and 192.

Solution:



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Answers

Answers: 1

$$\text{LCM} = 360$$

$$\text{HCF} = 3$$

Answers: 2

$$\text{LCM} = 2520$$

$$\text{HCF} = 2$$

Answers: 3

$$\text{LCM} = 2520$$

$$\text{HCF} = 6$$

Answers: 4

$$\text{LCM} = 4200$$

$$\text{HCF} = 15$$

Answers: 5

$$\text{LCM} = 2880$$

$$\text{HCF} = 12$$

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