

Class 5th Exercise 2.4

Subject: Math

Q1 :- 10, 20, 30

$$\begin{array}{r|l} 2 & 10, 20, 30 \\ \hline 2 & 5, 10, 15 \\ \hline 3 & 5, 5, 15 \\ \hline 5 & 5, 5, 5 \\ \hline & 1, 1, 1 \end{array}$$

$$\begin{aligned} \text{LCM} &:- 2 \times 2 \times 3 \times 5 \\ &= 60 \end{aligned}$$

Q2:- 25, 30, 50

2	25, 30, 50
3	25, 15, 25
5	25, 5, 25
5	5, 1, 5
	1, 1, 1

$$\text{LCM} = 2 \times 3 \times 5 \times 5 = 150$$

Q3:- 20, 30, 50, 60

2	20, 30, 50, 60
2	10, 15, 25, 30
3	5, 15, 25, 15
5	5, 5, 25, 5
5	1, 1, 5, 1
	1, 1, 1, 1

$$\text{LCM} = 2 \times 2 \times 3 \times 5 \times 5 = 300$$

Q4:- 25, 40, 50, 75

2 | 25, 40, 50, 75

2 | 25, 20, 25, 75

2 | 25, 10, 25, 75

3 | 25, 5, 25, 75

5 | 25, 5, 25, 25

5 | 5, 1, 5, 5

1, 1, 1, 1

LCM:- $2 \times 2 \times 2 \times 3 \times 5 \times 5$

= 600

Q.5:- 15, 25, 40, 80

2 | 15, 25, 40, 80

2 | 15, 25, 20, 40

2 | 15, 25, 10, 20

2 | 15, 25, 5, 10

3 | 15, 25, 5, 5

5 | 5, 25, 5, 5

5 | 1, 5, 1, 1

1, 1, 1, 1

LCM :- $2 \times 2 \times 2 \times 2 \times 3 \times 5 \times 5$

$= 1200$