

1 $M.c.M = 300$ \searrow

$M = 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000$

$M = 150, 300, 450, 600, 750, 900$

100	2
50	2
25	5
5	5
1	

150	3
50	2
25	5
5	5
1	

$100 = 2^2 \times 5^2$

$150 = 3 \times 2 \times 5^2$

2 $M.c.D = 2$ \searrow

$D = 1, 2$

2	6	2
1	3	

$D = 1, 2, 3, 6$

3 $M.c.D = 1$ \searrow

$D = 1, 2, 4$

3	9	1
---	---	---

$D = 1, 3$

4 $M.c.M = 100$ \searrow

$M = 100, 200$

$M = 5, 100$

5	100	5
1	50	2
	25	5
	5	5
1		

5 $K.C.D = 12$ \downarrow

$D = 1, 2, 3, 4, 5, 6, 10, 12, 15, 20, 30, 60$ }

$D = 1, 2, 3, 4, 6, 8, 9, 12, 18, 24, 36, 72$ }

60	2	70	2
30	2	36	2
15	3	18	2
5	5	9	2
1		3	2

6 $K.C.M = 10$ \downarrow

$K = 5, 10, 15, 20, 25$ }

$K = 10, 20, 30$ }

5	10	2
1	5	5
1		

3 $K.C.D = 3$ \downarrow

$D = 1, 3, 9, 27$ }

$D = 1, 3, 5, 15$ }

27	15	3
9	5	

8 $K.C.M = 192$ \downarrow

$K = 48, 96, 144, 192, 240, 288, 336$ }

$K = 64, 128, 192, 256$ }

48	64	2
24	42	2
12	21	2
6	21	3
3	6	3
1	3	3
1		