Factors and Multiples
Grade 4

Answers:

1. (a) 1, 3, 13, 39   (b) 1, 2, 3, 6, 7, 14, 21, 42
   (c) 1, 2, 3, 4, 6, 8, 12, 24   (d) 1, 3, 9, 11, 33, 99

2. (a) (i)   (b) (iii)   (c) (iv)

3.

(a) A = 9	(b) A = 4	(c) A = 6
B = 2	B = 2	B = 3
C = 3	C = 5	C = 11

4. 8 different arrangements
Solution: The different arrangements are:

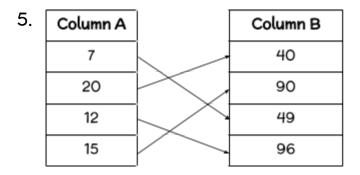|	
1 bunch of 30 flowers;	2 bunches of 15 flowers each;
3 bunches of 10 flowers each;	5 bunches of 6 flowers each;
6 bunches of 5 flowers each;	10 bunches of 3 flowers each;
15 bunches of 2 flowers each;	30 bunches of 1 flower each

5.

Column A	Column B
7	40
20	90
12	49
15	96

6. 5 fork packages and 3 spoon packages
Solution: First common multiple of 12 and 20 is 60.

7. 48
Solution: 2-digit common multiples of 6 and 8 less than 90 are 24, 48 and 72. But, 24 and 72 are factors of 72.

8. (a), (e), (f)