1. *Using the following Venn diagram, complete:*

a. The two numbers represented in the Venn diagram are ……….. and …………..

b. The G.C.F of the two numbers is…………

c. The L.C.M of the two numbers is……………

d. Are the two numbers relatively prime numbers?

(Venn diagram: left circle contains 2, overlap contains 5, right circle contains 3 and 3)
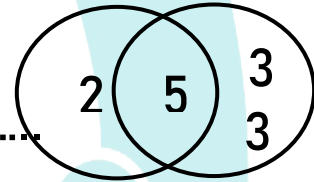
2. Complete the following:

a. The L.C.M of 2 and 3 is…………….

b. The common factor for all numbers is………..

c. The L.C.M of 4 and 12 is …………..

3. *Find the greatest common factor (G.C.F) of each of the following using Venn diagram:*

a. 10 and 30   **d.** 54 and 18

b. 7 and 12   **e.** 15 and 35.

c. 45 and 81   **f.** 8 and 49

4. Find the least common multiple (L.C.M) of each of the following using Venn diagram:

a. 10 and 15

b. 24 and 36

c. 16 and 22

d. 5 and 11

e. 12 and 24

5. Find G.C.F and L.C.M of each of the following by using two ways.

a. 28 and 42

b. 7 and 15

c. 14 and 21

Choose the correct answer.

1. The L.C.M of 5 and 7 is

A. 0   B. 1   C. 12   D. 35

2. From the opposite Venn diagram, the G.C.F =

A. 60   B. 4   C. 6   D. 20
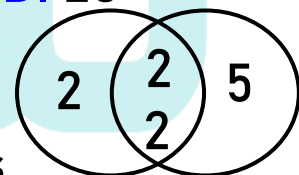
3. The common factor of all numbers is

A. 2   B. 1   C. 4   D. 0
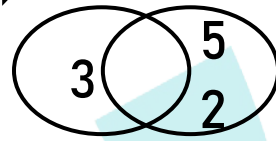
4. From the opposite Venn diagram, the L.C.M =

A. 1   B. 3   C. 10   D. 30

5. The G.C.F of two relatively prime numbers is

A. 0   B. 1

C. 2   D. 3