

Name : \_\_\_\_\_

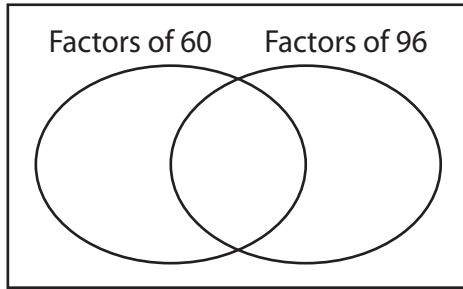
## GCF - Venn Diagram

MS1

Find the greatest common factor for each pair of numbers using Venn diagram.

1) 60, 96

a) Complete the venn diagram.

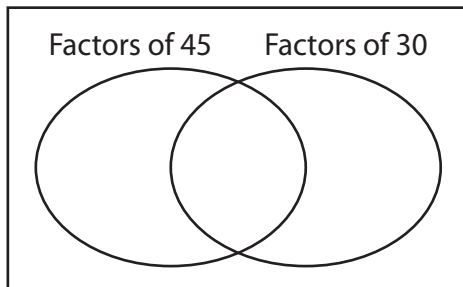


b) Common factors are \_\_\_\_\_

c)  $GCF(60, 96) =$  \_\_\_\_\_

3) 45, 30

a) Complete the venn diagram.

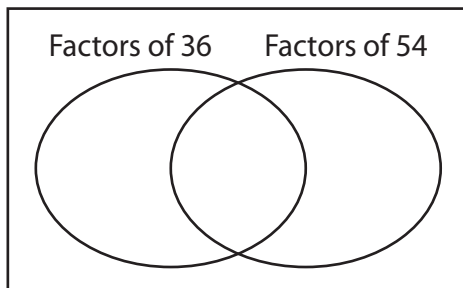


b) Common factors are \_\_\_\_\_

c)  $GCF(45, 30) =$  \_\_\_\_\_

5) 36, 54

a) Complete the venn diagram.

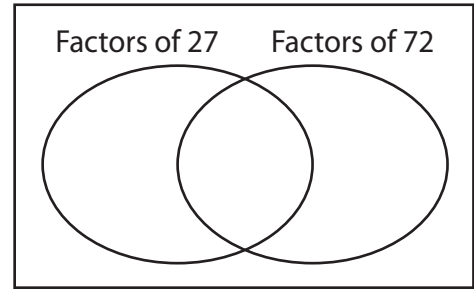


b) Common factors are \_\_\_\_\_

c)  $GCF(36, 54) =$  \_\_\_\_\_

2) 27, 72

a) Complete the venn diagram.

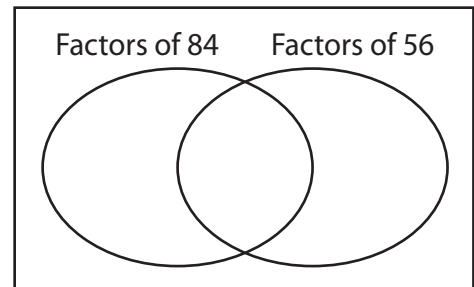


b) Common factors are \_\_\_\_\_

c)  $GCF(27, 72) =$  \_\_\_\_\_

4) 84, 56

a) Complete the venn diagram.

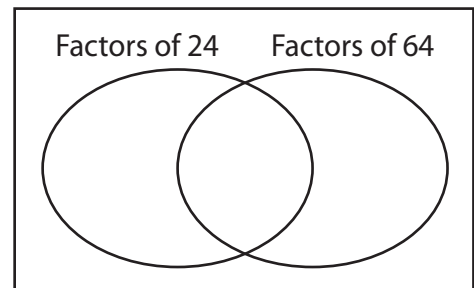


b) Common factors are \_\_\_\_\_

c)  $GCF(84, 56) =$  \_\_\_\_\_

6) 24, 64

a) Complete the venn diagram.



b) Common factors are \_\_\_\_\_

c)  $GCF(24, 64) =$  \_\_\_\_\_

Name : \_\_\_\_\_

## Answer key

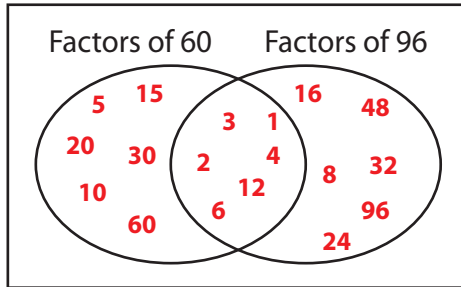
MS1

### GCF - Venn Diagram

Find the greatest common factor for each pair of numbers using Venn diagram.

1) 60, 96

a) Complete the venn diagram.

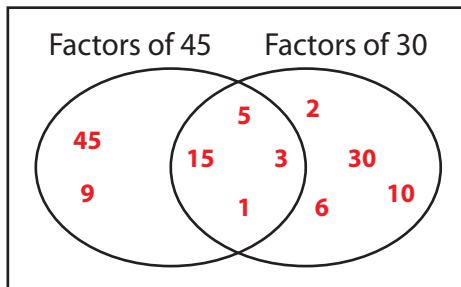


b) Common factors are 1, 2, 3, 4, 6, 12

c)  $GCF(60, 96) =$  12

3) 45, 30

a) Complete the venn diagram.

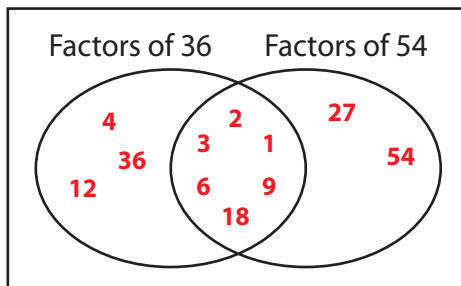


b) Common factors are 1, 3, 5, 15

c)  $GCF(45, 30) =$  15

5) 36, 54

a) Complete the venn diagram.

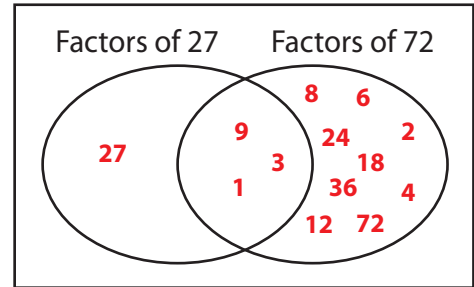


b) Common factors are 1, 2, 3, 6, 9, 18

c)  $GCF(36, 54) =$  18

2) 27, 72

a) Complete the venn diagram.

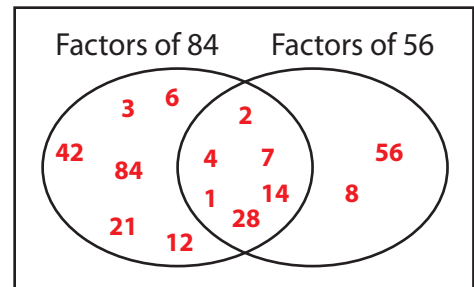


b) Common factors are 1, 3, 9

c)  $GCF(27, 72) =$  9

4) 84, 56

a) Complete the venn diagram.

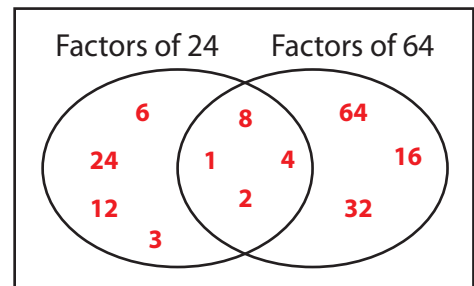


b) Common factors are 1, 2, 4, 7, 14, 28

c)  $GCF(84, 56) =$  28

6) 24, 64

a) Complete the venn diagram.



b) Common factors are 1, 2, 4, 8

c)  $GCF(24, 64) =$  8

Name : \_\_\_\_\_

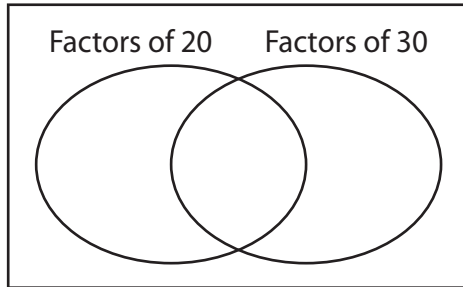
## GCF - Venn Diagram

MS2

Find the greatest common factor for each pair of numbers using Venn diagram.

1) 20, 30

a) Complete the venn diagram.

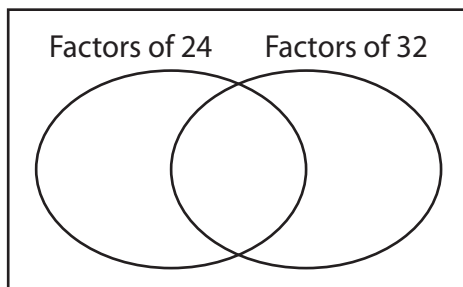


b) Common factors are \_\_\_\_\_

c)  $GCF(20, 30) =$  \_\_\_\_\_

3) 24, 32

a) Complete the venn diagram.

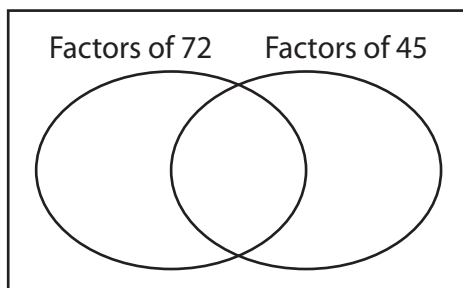


b) Common factors are \_\_\_\_\_

c)  $GCF(24, 32) =$  \_\_\_\_\_

5) 72, 45

a) Complete the venn diagram.

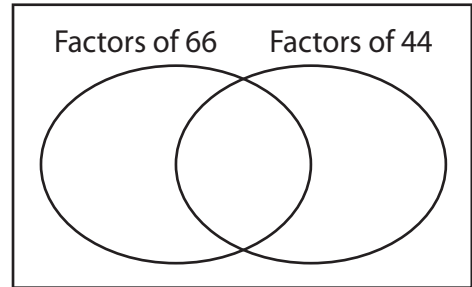


b) Common factors are \_\_\_\_\_

c)  $GCF(72, 45) =$  \_\_\_\_\_

2) 66, 44

a) Complete the venn diagram.

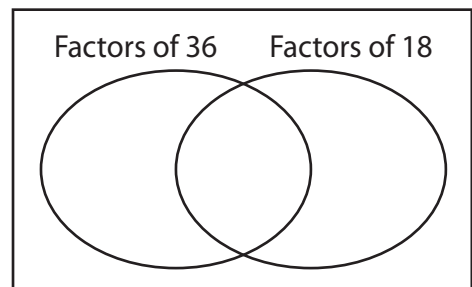


b) Common factors are \_\_\_\_\_

c)  $GCF(66, 44) =$  \_\_\_\_\_

4) 36, 18

a) Complete the venn diagram.

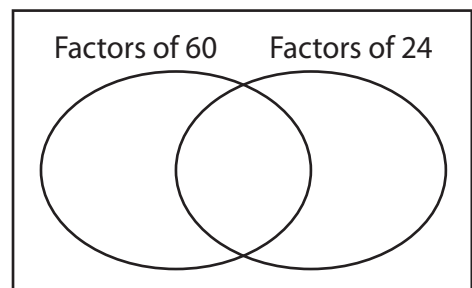


b) Common factors are \_\_\_\_\_

c)  $GCF(36, 18) =$  \_\_\_\_\_

6) 60, 24

a) Complete the venn diagram.



b) Common factors are \_\_\_\_\_

c)  $GCF(60, 24) =$  \_\_\_\_\_

Name : \_\_\_\_\_

## Answer key

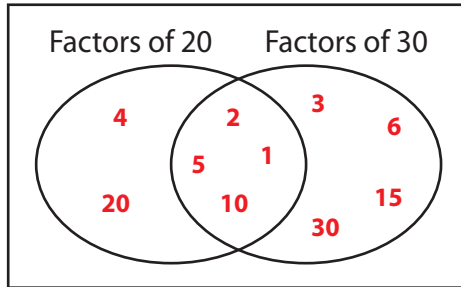
### GCF - Venn Diagram

MS2

Find the greatest common factor for each pair of numbers using Venn diagram.

1) 20, 30

a) Complete the venn diagram.

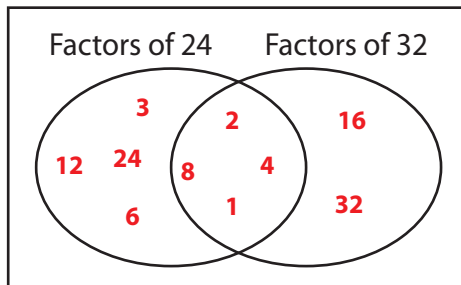


b) Common factors are 1, 2, 5, 10

c)  $GCF(20, 30) =$ 10

3) 24, 32

a) Complete the venn diagram.

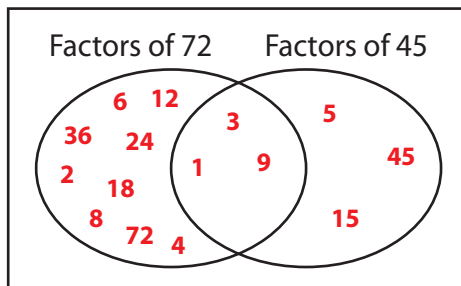


b) Common factors are 1, 2, 4, 8

c)  $GCF(24, 32) =$ 8

5) 72, 45

a) Complete the venn diagram.

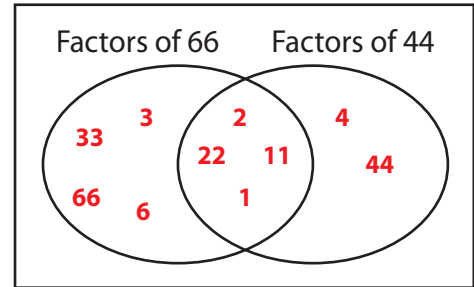


b) Common factors are 1, 3, 9

c)  $GCF(72, 45) =$ 9

2) 66, 44

a) Complete the venn diagram.

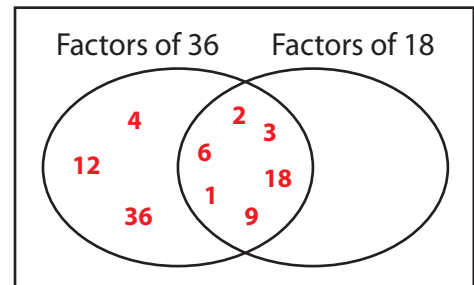


b) Common factors are 1, 2, 11, 22

c)  $GCF(66, 44) =$ 22

4) 36, 18

a) Complete the venn diagram.

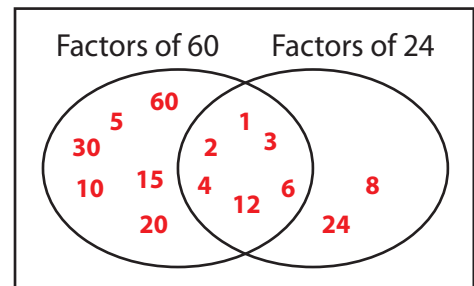


b) Common factors are 1, 2, 3, 6, 9, 18

c)  $GCF(36, 18) =$ 18

6) 60, 24

a) Complete the venn diagram.



b) Common factors are 1, 2, 3, 4, 6, 12

c)  $GCF(60, 24) =$ 12

Name : \_\_\_\_\_

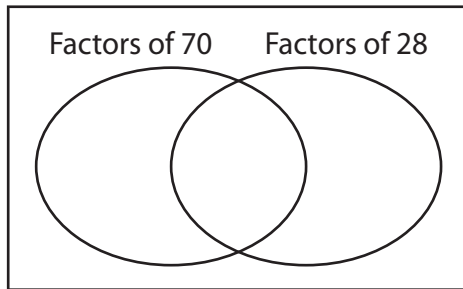
## GCF - Venn Diagram

MS3

Find the greatest common factor for each pair of numbers using Venn diagram.

1) 70, 28

a) Complete the venn diagram.

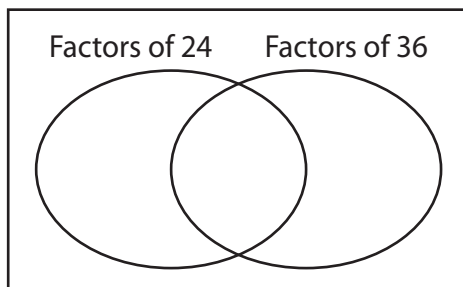


b) Common factors are \_\_\_\_\_

c)  $GCF(70, 28) =$  \_\_\_\_\_

3) 24, 36

a) Complete the venn diagram.

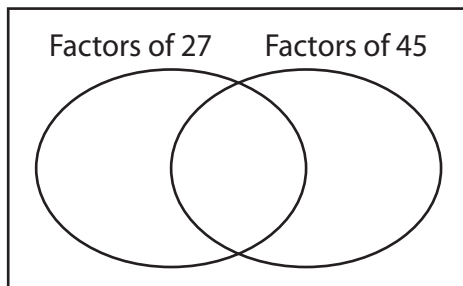


b) Common factors are \_\_\_\_\_

c)  $GCF(24, 36) =$  \_\_\_\_\_

5) 27, 45

a) Complete the venn diagram.

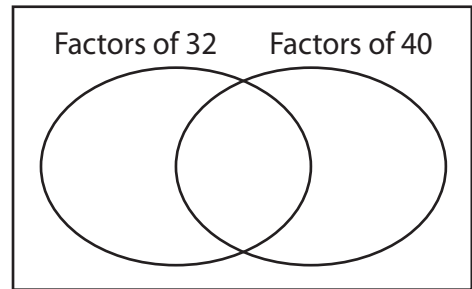


b) Common factors are \_\_\_\_\_

c)  $GCF(27, 45) =$  \_\_\_\_\_

2) 32, 40

a) Complete the venn diagram.

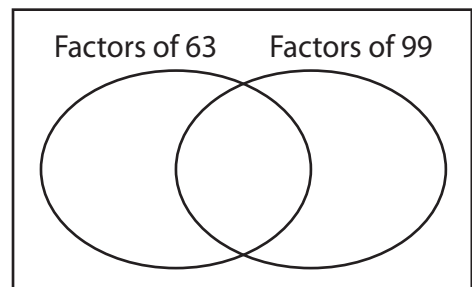


b) Common factors are \_\_\_\_\_

c)  $GCF(32, 40) =$  \_\_\_\_\_

4) 63, 99

a) Complete the venn diagram.

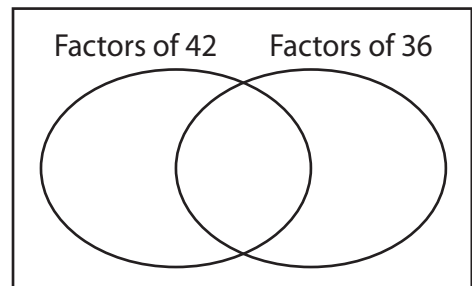


b) Common factors are \_\_\_\_\_

c)  $GCF(63, 99) =$  \_\_\_\_\_

6) 42, 36

a) Complete the venn diagram.



b) Common factors are \_\_\_\_\_

c)  $GCF(42, 36) =$  \_\_\_\_\_

Name : \_\_\_\_\_

## Answer key

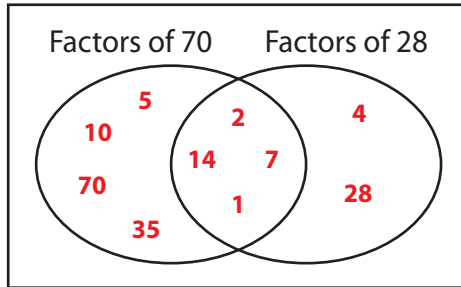
MS3

### GCF - Venn Diagram

Find the greatest common factor for each pair of numbers using Venn diagram.

1) 70, 28

a) Complete the venn diagram.

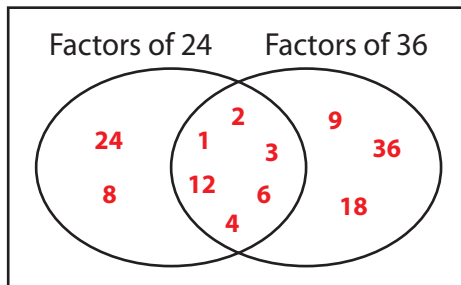


b) Common factors are 1, 2, 7, 14

c)  $GCF(70, 28) =$  14

3) 24, 36

a) Complete the venn diagram.

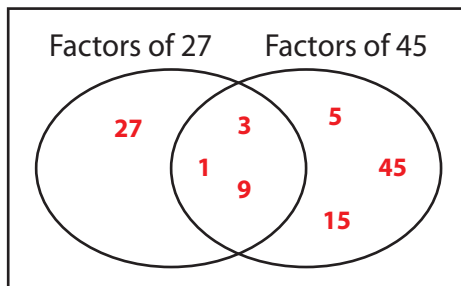


b) Common factors are 1, 2, 3, 4, 6, 12

c)  $GCF(24, 36) =$  12

5) 27, 45

a) Complete the venn diagram.

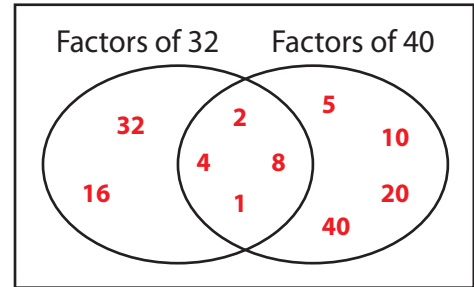


b) Common factors are 1, 3, 9

c)  $GCF(27, 45) =$  9

2) 32, 40

a) Complete the venn diagram.

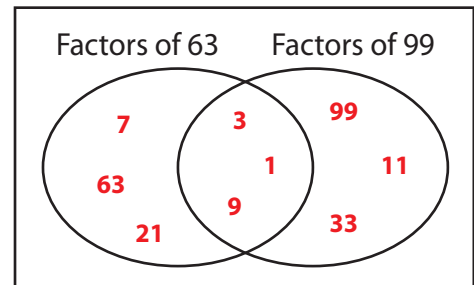


b) Common factors are 1, 2, 4, 8

c)  $GCF(32, 40) =$  8

4) 63, 99

a) Complete the venn diagram.

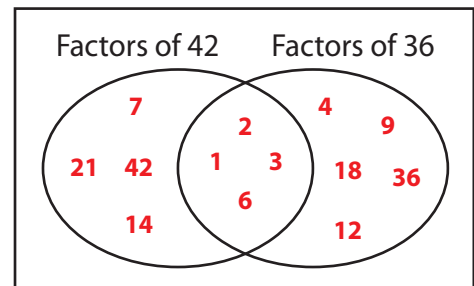


b) Common factors are 1, 3, 9

c)  $GCF(63, 99) =$  9

6) 42, 36

a) Complete the venn diagram.



b) Common factors are 1, 2, 3, 6

c)  $GCF(42, 36) =$  6