



To find the GCF of 12 & 16, first write down the factors of each number.

Factors of 12 1 , 2 , 3 , 4 , 6 , 12

Factors of 16 1 , 2 , 4 , 8 , 16

2 & 4 are factors both 12 and 16 have in common, with 4 being the greatest. So 4 is the GCF.

33 , 24

Factors of 33 _____ , _____ , _____ , _____

Factors of 24 _____ , _____ , _____ , _____ , _____ , _____ , _____ , _____

6 , 33

Factors of 6 _____ , _____ , _____ , _____

Factors of 33 _____ , _____ , _____ , _____

21 , 39

Factors of 21 _____ , _____ , _____ , _____

Factors of 39 _____ , _____ , _____ , _____

33 , 8

Factors of 33

Factors of 8

16 , 12

Factors of 16

Factors of 12

24 , 14

Factors of 24

Factors of 14

28 , 22

Factors of 28

Factors of 22

12 , 6

Factors of 12

Factors of 6

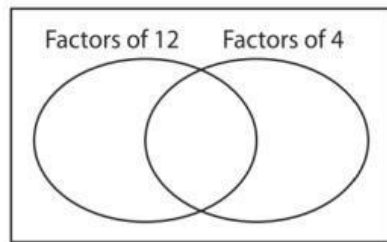
30 , 12

Factors of 30

Factors of 12

12, 4

a) Complete the venn diagram.

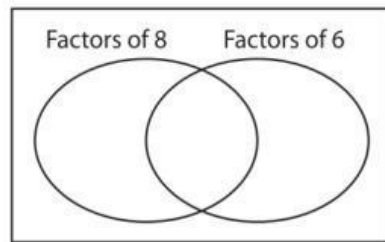


b) Common factors are _____

c) $\text{GCF}(12, 4) =$ _____

8, 6

a) Complete the venn diagram.

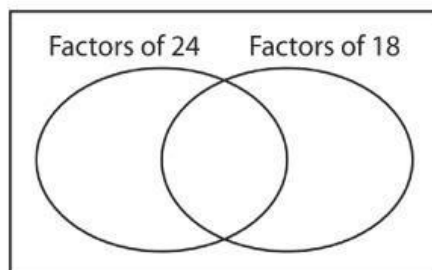


b) Common factors are _____

c) $\text{GCF}(8, 6) =$ _____

24, 18

a) Complete the diagram.

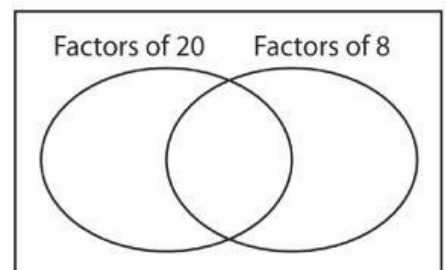


b) Common factors are _____

c) $\text{GCF}(24, 18) =$ _____

20, 8

a) Complete the diagram.

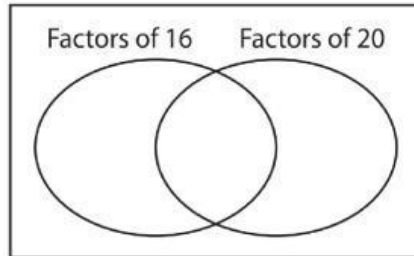


b) Common factors are _____

c) $\text{GCF}(20, 8) =$ _____

16, 20

a) Complete the venn diagram.

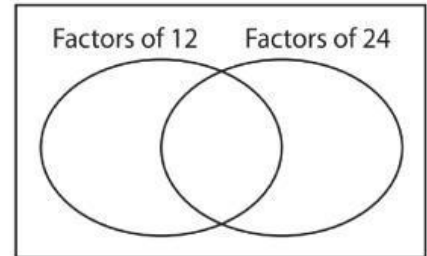


b) Common factors are _____

c) $\text{GCF}(16, 20) =$ _____

12, 24

a) Complete the venn diagram.

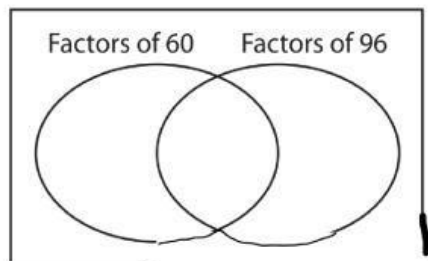


b) Common factors are _____

c) $\text{GCF}(12, 24) =$ _____

1) 60, 96

a) Complete the venn diagram.

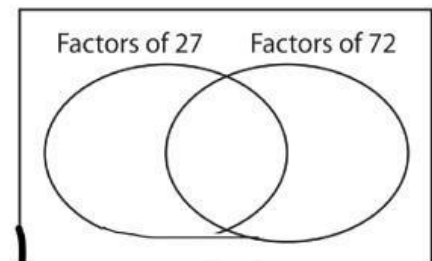


b) Common factors _____

c) $\text{GCF}(60, 96) =$ _____

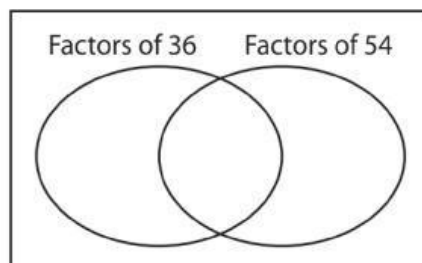
2) 27, 72

a) Complete the venn diagram.



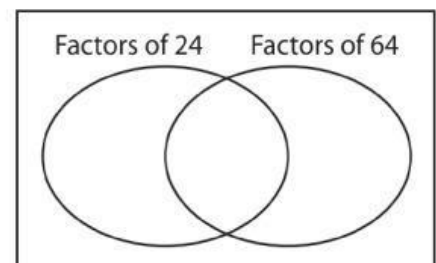
Common factors are _____

GCF _____



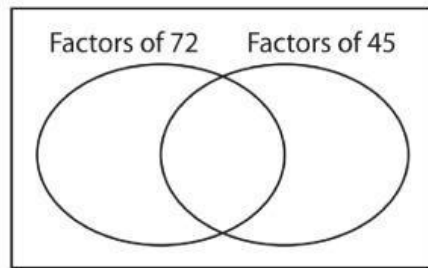
Common factors are _____

$\text{GCF}(36, 54) =$ _____



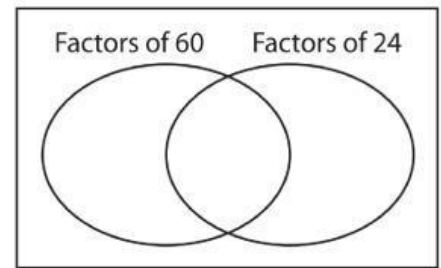
Common factors are _____

$\text{GCF}(24, 64) =$ _____



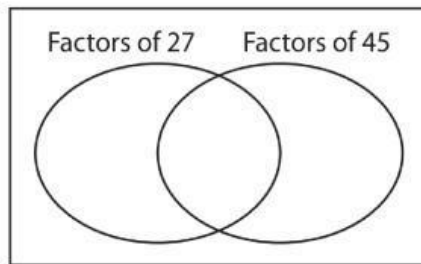
Common factors are _____

GCF(72, 45) = _____



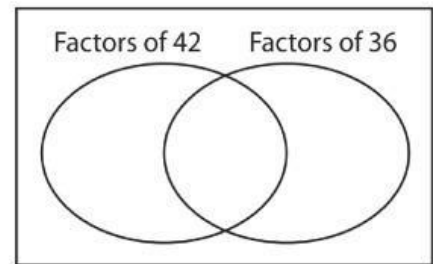
Common factors are _____

GCF(60, 24) = _____



Common factors are _____

GCF(27, 45) = _____



Common factors are _____

GCF(42, 36) = _____