

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

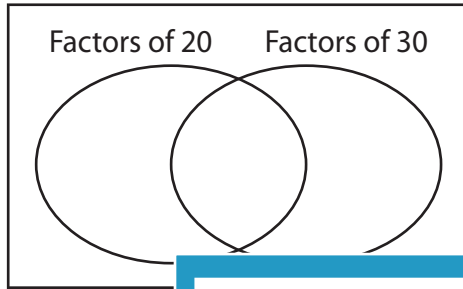
## GCF - Venn Diagram

MS2

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

1) 20, 30

a) Complete the venn diagram.

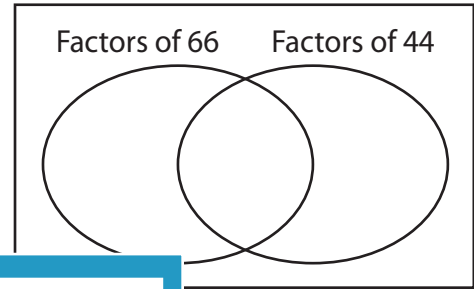


b) Common factors are \_\_\_\_\_

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

2) 66, 44

a) Complete the venn diagram.



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

c) \_\_\_\_\_

3) 24, 32

a) Complete the



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

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

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venn diagram.

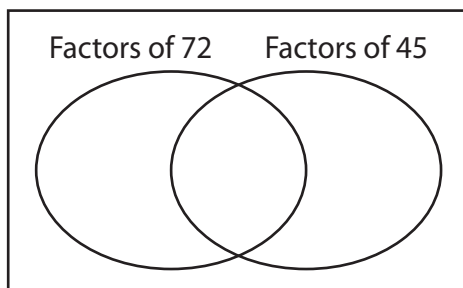
Factors of 36 Factors of 18

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

c) \_\_\_\_\_

5) 72, 45

a) Complete the



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

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

venn diagram.

Factors of 60 Factors of 24

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

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

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

## Answer key

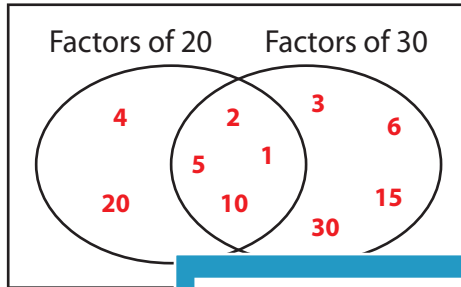
### GCF - Venn Diagram

MS2

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

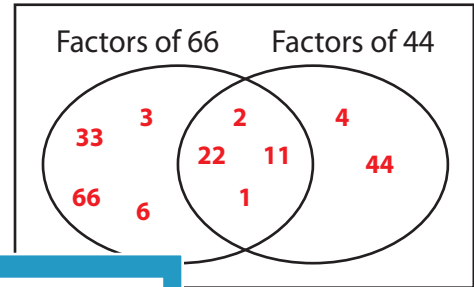
1) 20, 30

a) Complete the venn diagram.



2) 66, 44

a) Complete the venn diagram.

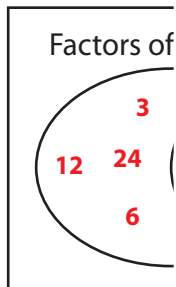


b) Common factors are 1, 2, 11, 22

c)  $GCF(20, 30) =$  22

3) 24, 32

a) Complete the venn diagram.

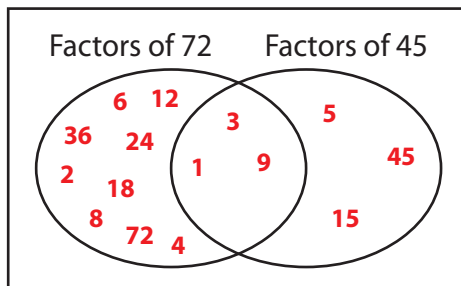


b) Common factors are 1, 2, 3, 6, 9, 18

c)  $GCF(24, 32) =$  18

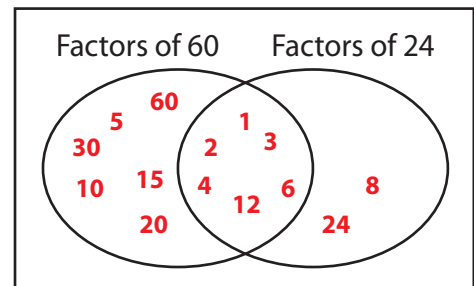
5) 72, 45

a) Complete the venn diagram.



b) Common factors are 1, 3, 9

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



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

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

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